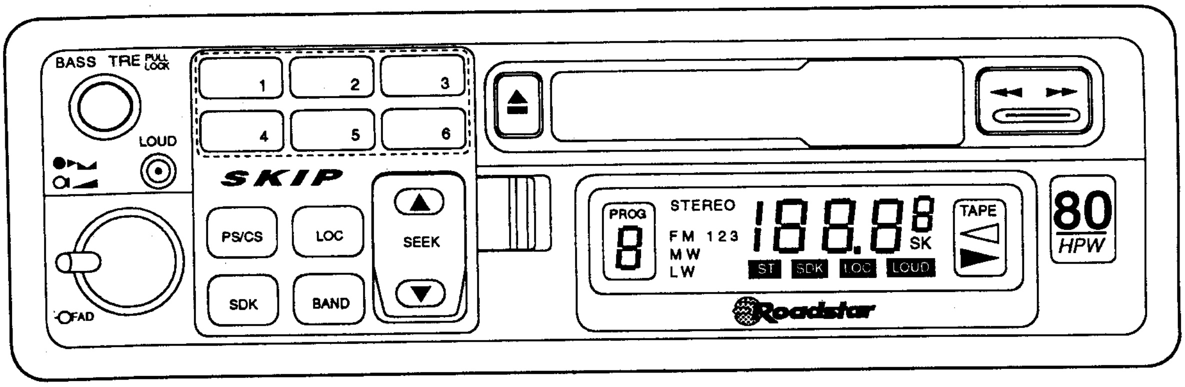
Roadstar®
AUTO-HiFi

Service Manual

RC-806 TD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LOUD
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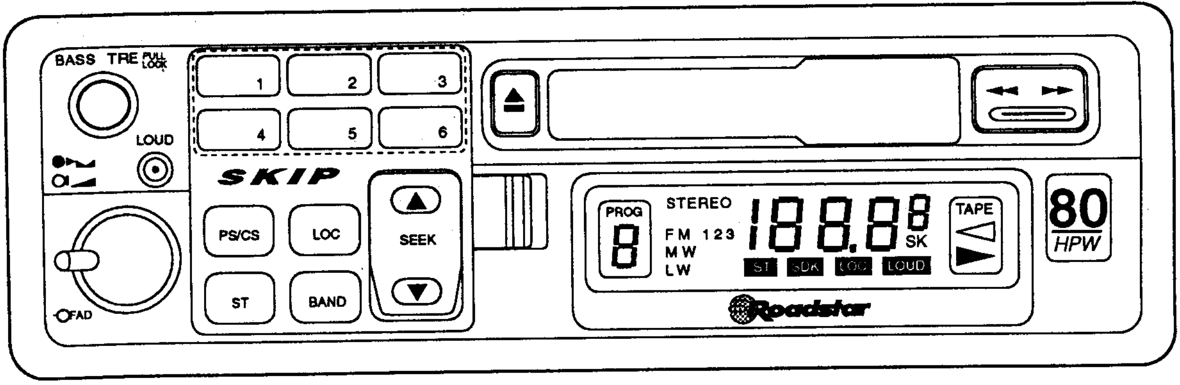
SKIP
PS/CS
LOC
SEEK
SDK
BAND
PROG
STEREO
FM 123
MW
LW
188.88
SK
TAPE
ST
SDK
LOC
LOUD
Roadstar
80
HPW

RS-806 LD/GD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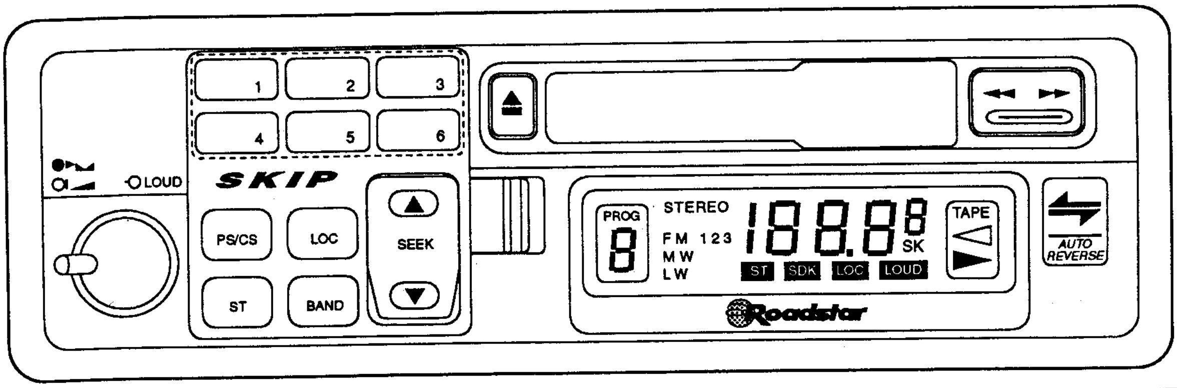
80
HPW

RS-804 LD/GD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FM 123
MW
LW
188.88
SK
TAPE
ST
SDK
LOC
LOUD
Roadstar
AUTO REVERSE

SPECIFICATIONS

TEST CONFIG

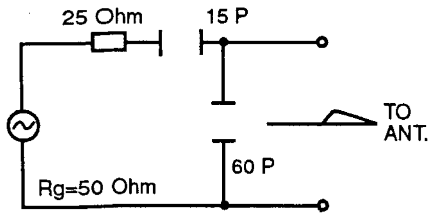
POWER SUPPLY : DC 14.4 V

LOADING : 4 ohm PER CHANNEL

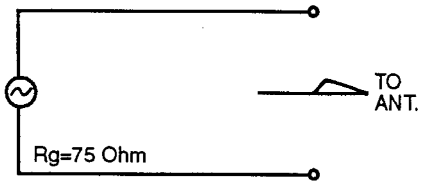
S.T.O : 1 WATT

DUMMY ANTENNA

AM



FM



TEST SIGNAL

MW : 30% MOD./400 Hz	1000 KHz	5 mV (74 dBu) RF INPUT LEVEL
FM : 22.5 KHz DEV./1 KHz	98 KHz	1 mV (60 dBu) RF INPUT LEVEL
MPX : 22.5 KH DEV. POLIT 7.5 KHz DEV./1 KHz	98 KHz	1 mV (60 dBu) RF INPUT LEVEL
LW : 30% MOD./400 Hz	218 Khz	5 mV (74 dBu) RF INPUT LEVEL
SK : 3.75 KHz DEV./1KHz	98 Mhz	1 mV (60 dBu) RF INPUT LEVEL
DK : 30% MOD./1 KHz	98 Mhz	1 mV (60 dBu) RF INPUT LEVEL

STANDARD TEST FREQUENCY

	FM	MW	LW
A POINT	90 MHz	603 KHz	164 KHz
B POINT	98 MHz	999 KHz	218 KHz
C POINT	106 MHz	1404 KHz	272 KHz

FM SECTION

ITEM	CONDITION	UNIT	NOMINAL	LIMIT
FREQUENCY RANGE	LOWER	MHz	87.5	
USABLE SENSITIVITY	UPPER	MHz	108	
(S/N: 30 dB)	A	µV	2	4
	B	µV	2	4
	C	µV	2	4
3 dB LIMIT SENSITIVITY	A	µV	10	15
SEEK SENSITIVITY (DX/LOC)	A/B/C	dBu	20/40	±5 dB
S/N RATIO (1 mV)	B	dB	57	50
DISTORTION (1 mV)	B	%	0.5	2%
OVERLOAD T.H.D. 75 KHz DEV	B	%	1.5	3%
IF REJECTION (DEV.: 22.5 KHz)	A	dB	80	60
IMAGE REJECTION	C	dB	50	45
ELECTRIC FIDELITY (50 US)	B: LOW	40 Hz	±3 dB	±6 dB
PRE-EMPHASIS	B: HIGH	14KHz	±3 dB	±6 dB
OUTPUT POWER 10% (DEV.: 22.5 KHz/1mV)	B	W	16	14
CHANNEL SEPARATION (DEV.: 22.5 MHz/1mV)	B (1KHz)	dB	35	30
CHANNEL BALANCE	B	dB	0	±2
AM SUPRESSION	B	dB	50	40
AM/FM GAIN RATIO	B	dB	0	2
SNC.SEP 10 dB	B	dBu	40	40±5dBu
ST. INDICATOR SENS.	B	dBu	10	15
STEREO T.H.D.	B	%	2	4
H.C.C. (-10 dB)	B	dB	30	±5

SDK SECTION

ITEM	CONDITION	UNIT	NOMINAL	LIMIT
SK INDICATOR SENS	98 MHz	dBu	10	12
LOCK LEVEL SK	98 MHz	dBu	10	12
SK ON TIME		sec.	0.3	1
SK OFF TIME		sec.	3	1.5
DK ON TIME		sec.	1.5	2
DK OFF TIME		sec.	3	5
ALARM ON DELAY TIME		sec.	15	15±5
DK AMPLIFIED OUTPUT		mV	450	300-600
DK SENSITIVITY	VR min	dBu	10	15
SK SEEK STOP SENS	98 MHz	dBu	+3 dB AT STANDARD FM SEEK SENS.	

MW SECTION

ITEM	CONDITION	UNIT	NOMINAL	LIMIT
FREQUENCY RANGE	LOWER	KHz	522	
	UPPER	KHz	1620	
USABLE SENSITIVITY (S/N: 20 dB)	A	dBu	26	34
	B	dBu	26	34
	C	dBu	26	34
S/N RATIO (5 mV)	B	dB	55	45
DISTORTION (5 mV)	B	%	0.5	2
OVERLOAD T.H.D.	B	%	1	3
IF REJECTION	A	dB	60	50
IMAGE REJECTION	C	dB	60	50
SELECTIVITY (±10 KHz)	B	dB	28	23
WHISTLE MOD (5 mV)	2IF	%	2	5
	3IF	%	2	5
ELECTRIC FIDELITY (1 KHz: -3 dB)	B: LOW	Hz	40	80
	B: HIGH	KHz	2.2	2
OUTPUT POWER (MOD 30%, THD: 10%)	B	W	16	14
SEEK/SCAN SENSITIVITY (DX)	A	dB	30	30±6 dB
	B	dB	30	30±6 dB
	C	dB	30	30±6 dB
LOX/DX RATIO	B	dB	20	±5 dB
AGC F.O.M. (-10 dB)	B	dB	55	45
BAND WIDTH (-6 bB)	B	KHz	7	±2

LW SECTION

ITEM	CONDITION	UNIT	NOMINAL	LIMIT
*FREQUENCY RANGE	LOWER	KHz	144	
	UPPER	KHz	281	
USABLE SENSITIVITY (S/N: 20 dB)	A	dBu	30	36
	B	dBu	30	36
	C	dBu	30	36
SEEK SENSITIVITY	A	dB	33	33±6 dB
	B	dB	33	33±6 dB
	C	dB	33	33±6 dB
LOC/DX RATIO	B	dB	30	30±5
S/N RATIO (5 mV)	B	%	50	40
DISTORTION (5MV)	B	%	0.5	2
OVERLOAD T.H.D.	B	%	1	3
OUTPUT POWER (MOD 30%, THD: 10%)	B	W	16	14

* AT (TD) VERSION LW FREQUENCY RANGE 144-290 KHZ

TAPE SECTION

ITEM	CONDITION	TEST TAPE	UNIT	NOMINAL	LIMIT
TAPE SPEED	3 KHz	MITT-111N	%	+1	-1/+3
WOW & FLUTTER	WTD (JIS)	MITT-111N	%	0.25	0.35
S/N RATIO	NR OFF	MTT-112BN	dB	50	45
DISTORTION	1 KHz	MTT-118N	%	1	2.5
CROSS TALK	1 KHz	MTT-121N	dB	42	38
CH. SEPARATION	1 KHz	MTT-141N	dB	40	35
CHANNEL BALANCE	1 KHz	MTT-118N	dB	0	±3
MAXIMUM NOISE	TONE: FLAT	MTT-5521	mV	50	80
RESIDUAL NOISE	TONE: FLAT	MTT-5521	mV	1	3
FREQ. RESPONSE	NORMAL 315 OdB REF	MTT-257P	Hz	±3 dB 50/14000	±6 dB
OUTPUT POWER	THD 10%	MTT-112BN	W	16	14
TONE EFFECT	MTT-257C				
BASS	100 Hz		dB	±10	±7
TREBLE	10 KHz		dB	±10	±7
LOUDNESS	125Hz	MTT-257C	dB	+10	+7
	8 Khz			+6	+4
LINE OUT			mV	500	400-600mV
LINE OUT DIST.			%	1	2.5
FM/TAPE GAIN RATIO	REF. FM 22.5 KHz DEV AM 30% MOD TAPE 122BN		dB	0	
			dB	0	
			dB	+4	+4±3

FM IF/RF ADJUSTMENT

Equipment required

- AM IF/RF signal generator
- Oscilloscope
- Solid-state voltmeter (SSVM)
- Frequency counter
- Multiplex Stereo Modulator
- Regulated DC power supply
- DC digital volt mater
- Distortion meter

Notes: Press the radio power switch to on. Signal gererator output must be kept as low as posible to avoid overload and clipping.

Step	Generator Coupling	Generator	Display Setting	Indicator Coupling	Adjustment	Remarks
FM IF	AM RF signal generator to TP5 (See figure 6.)	10.7MHz	Quiet point on band	Connect oscilloscope to TP10	T101	Adjust so that maximum top and bottom are sysmmetrical.
FM VCO			87.5MHz	Connect volt meter 10	L104	1±0.1V
FM RF	Singal generator to antenna receptacle (figure 7.)	90KHz (90.1MHz) Int 1KHz 22.5KHz dev. 10dBμ	90KHz (90.1MHz)	SSVM across speaker	L102 L104	AF output power for maximum.
	Same as above	106MHz (106.1MHz) Int 1KHz 22.5KHz dev. 10 dBμ	106MHz (106.1MHz)	Same as above	VR102	Same as above
FM				Frequency Counter connect to TP11	VR102	76KHz± 30Hz
	Singal generator to MPX stereo modulator to antenna (figure.8)	98MHz (98.1MHz) EXT 1KHz 67.5KHz dev. Pilot 6.75KHz dev.	98MHz (98.1MHz)	SSVM across speaker	VR102	Separation for maximum (more than 30dB)

FM IF/RF ADJUSTMENT

Equipment required

- AM IF/RF signal generator
- Oscilloscope
- Solid-state voltmeter (SSVM)
- Frequency counter
- Regulated DC power supply
- DC digital volt mater
- Distortion meter

Notes: Press the radio power switch to on. Signal gererator output must be kept as low as posible to avoid overload and clipping.

Step	Generator Coupling	Generator	Display Setting	Indicator Coupling	Adjustment	Remarks
AM IF	AM RF signal generator to TP5 (See figure 6.)	459 KHz (450KHz) sweep output 60 dB/µV	522KHz (530 KHz)	Connect oscilloscope to TP8.TP9 connector	T205 T206	Adjust so that maximum left and right are sysmmetrical.
MW VCO			522KHz (530 KHz)	Connect volt-meter to	T207	0.8±0.1V
MW RF	Singal generator to antenna receptacle (see figure 7.)	603KHz (600 KHz) Int 400 Hz 30% mod. output 200 dB/µV	603KHz (600 KHz)	SSVM across speaker	T201 T203	AF output power for maximum.
MW RF Cont.	Singal generator to antenna receptacle (see figure7.)	1404KHz (1400 KHz) Int 400 Hz 30% mod. 20 dB/µV	1404KHz (1400 KHz)	SSVM across speaker	TC201 TC202	AF output power for maximum.

AM/ FM/ IF/ RF ADJUSTMENT

Equipment required

- AM IF/RF signal generator
- Oscilloscope
- Solid-state voltmeter (SSVM)
- Frequency counter
- Regulated DC power supply
- DC digital volt mater
- Distortion meter

a) AM/ FM and RF Augnment Using AM Signal Generator

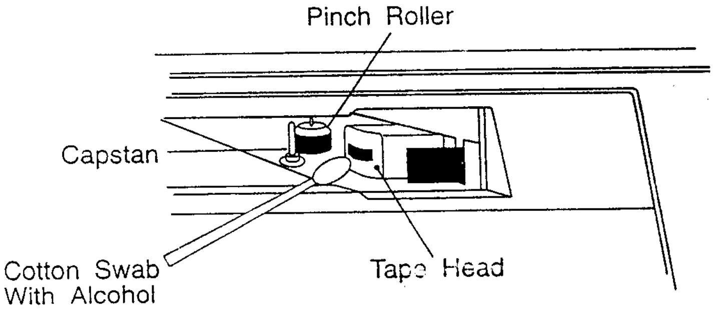
Notes: Press the radio power switch to on. Signalgererator output must be kept as low as posible to avoid overload and clipping.

Step	Generator Coupling	Generator	Display Setting	Indicator Coupling	Adjustment	Remarks
AM IF	AM RF signal generator to TP5 (See figure 6.)	459 KHz (450KHz) sweep output 60 dB/µV	522KHz (530 KHz)	Connect oscilloscope to TP8.TP9 connector	T205 T206	Adjust so that maximum left and right are sysmmetrical.
MW VCO			522KHz (530 KHz)	Connect volt-meter to	T207	0.8±0.1V
MW RF	Singal generator to antenna receptacle (see figure 7.)	603KHz (600 KHz) Int 400 Hz 30% mod. output 200 dB/µV	603KHz (600 KHz)	SSVM across speaker	T201 T203	AF output power for maximum.
MW RF Cont.	Singal generator to antenna receptacle (see figure7.)	1404KHz (1400 KHz) Int 400 Hz 30% mod. 20 dB/µV	1404KHz (1400 KHz)	SSVM across speaker	TC201 TC202	AF output power for maximum.
LW VCO			144KHz	Connect Volt Merer to	TC301	0.85±0.1v
LW RF	Singal generator to antenna receptacle (see figure7.)	205KHz Int 400 Hz 30% mod. 200 dB/µV	205KHz	SSVM across speaker	T202 T204	AF output power for maximum.

TAPE HEAD AND CAPSTAN CLEANING INSTRUCTIONS

Dip a cotton swab in alcohol and rub the swab gently over the tape head.

Do not use the same swab to clean the capstan and pinch roller.



ALIGNMENT AND ADJUSTMENT

Alignment is done at the factory with laboratory test equipment. Therefore, before making alignments, the set should be thoroughly checked for circuit troubles.

Notes:

- Check for the specified source voltage and polarity (negative ground).
- Use a well-regulated DC power supply (5 A) only.
- Connect an output meter across the speaker voice coil or dummy load (4 ohm, 20 W, wirewound resistor).
- Non-metallic alignment tools must be used.
- Signal input must be kept as low as possible to avoid overload. (Use output indicators with the highest possible sensitivity.)
- Repeat adjustment to ensure good results.
- For alignment and test point locations, see figures under "Alignment Locations."

TAPE HEAD AZIMUTH ANGLE ALIGNMENT

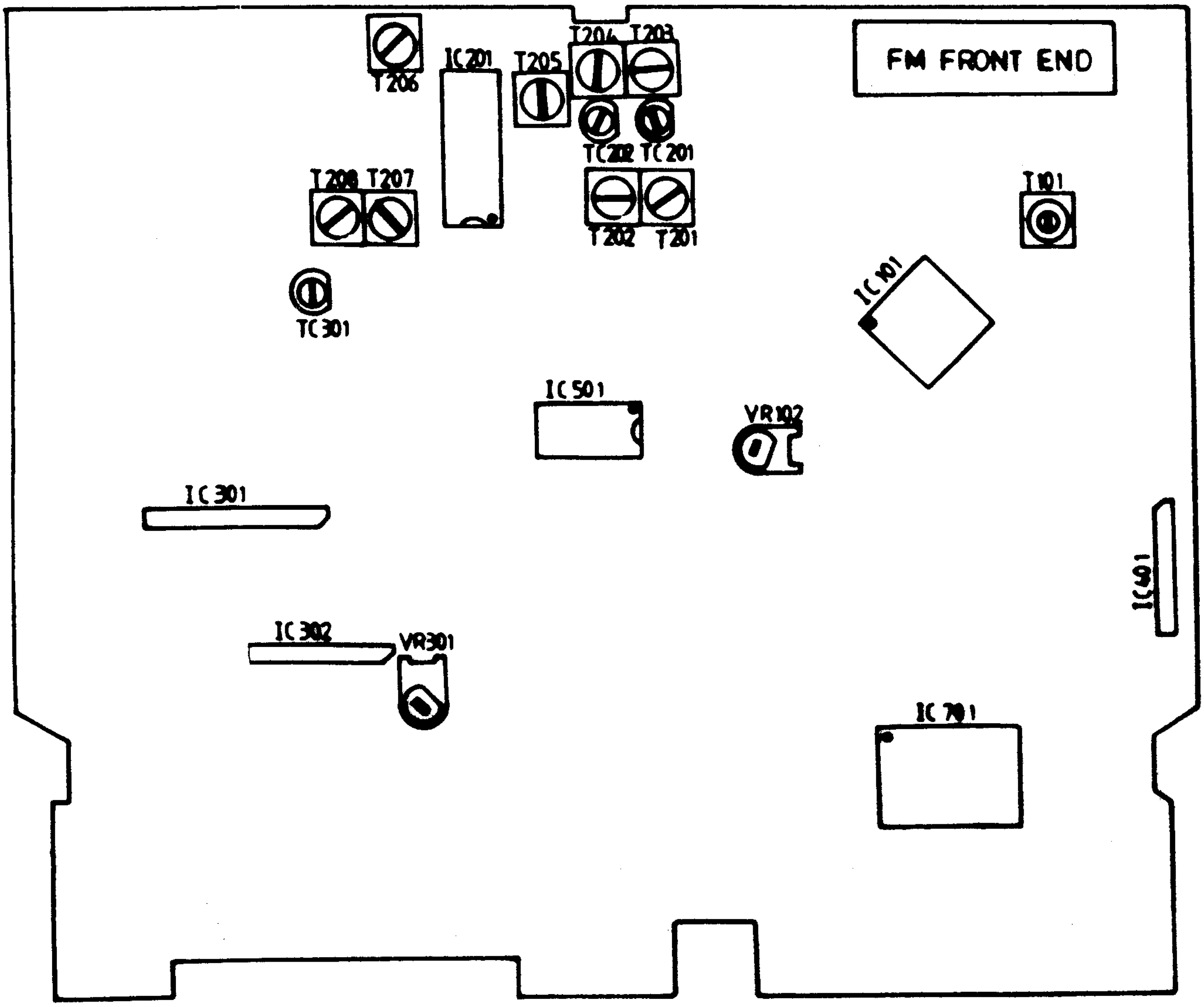
Equipment required

- Test tape MTT-113CN or equivalent
- Solid state Volt Meter
- Oscilloscope
- Regulated Power Supply

1. Play back a TEAC MTT-113CN test tape.

2. Adjust the Tone control to full clockwise and balance controls at mechanical center positions and set the volume control to maximum.

3. Align the head azimuth alignment screw with a screwdriver to obtain the maximum 8 KHz output of the set.


FM FRONT END
T206
IC201
T205
T204
T203
TC202
TC201
T208
T207
T202
T201
T101
IC101
TC301
IC501
VR102
IC301
IC401
IC302
VR301
IC701

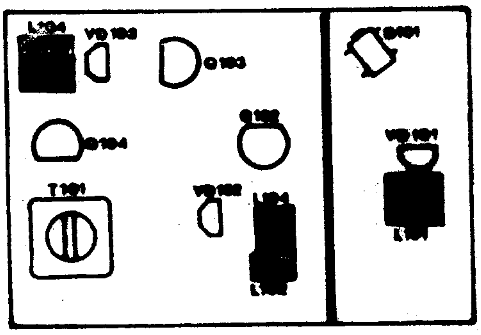

VD103
Q103
Q101
Q104
T101
VD102
VD101

FIG.1

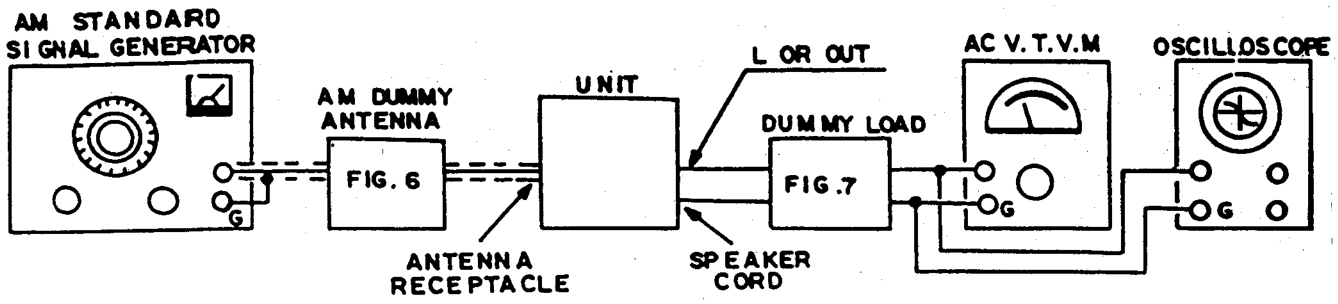

AM STANDARD
SIGNAL GENERATOR
G
AM DUMMY
ANTENNA
FIG. 6
UNIT
L OR OUT
DUMMY LOAD
FIG. 7
AC V.T.V.M
G
OSCILLOSCOPE
G
ANTENNA
RECEPTACLE
SPEAKER
CORD

FIG. 2

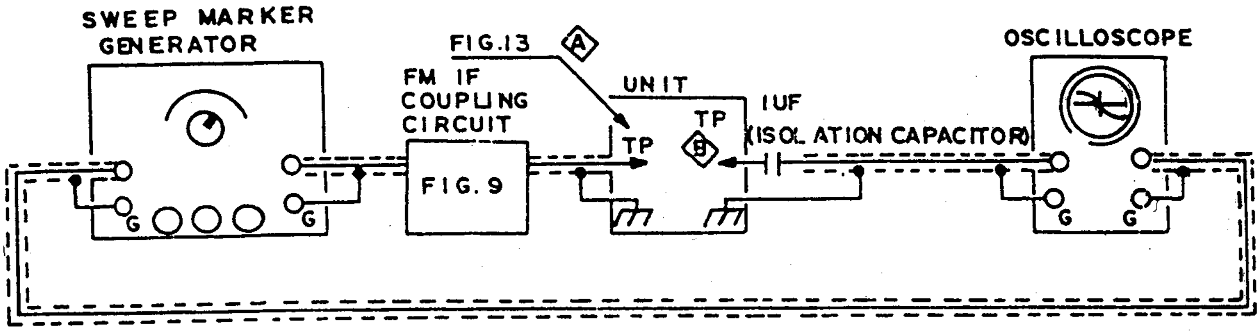

SWEEP MARKER
GENERATOR
G
G
FIG.13
A
FM IF
COUPLING
CIRCUIT
FIG. 9
UNIT
TP
TP
B
1UF
(ISOL ATION CAPACITOR)
OSCILLOSCOPE
G
G

FIG. 3

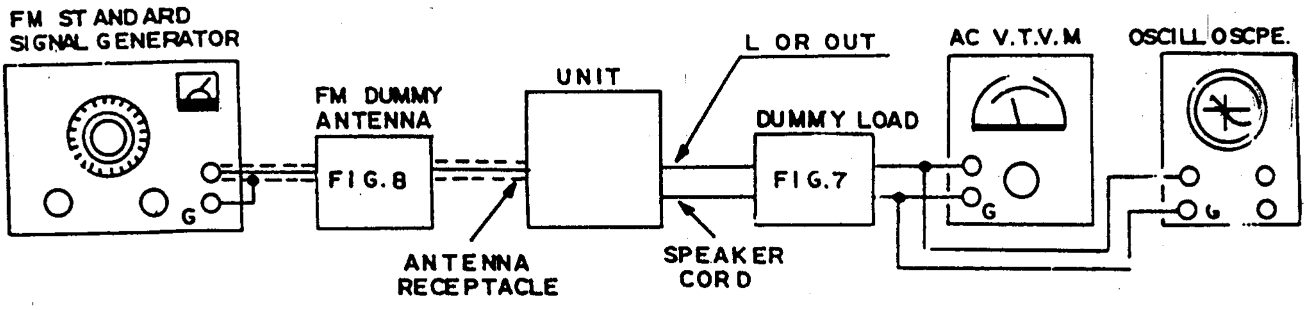

FM STANDARD
SIGNAL GENERATOR
G
FM DUMMY
ANTENNA
FIG. 8
UNIT
L OR OUT
DUMMY LOAD
FIG. 7
AC V.T.V.M
G
OSCILLOSCPE.
G
ANTENNA
RECEPTACLE
SPEAKER
CORD

FIG. 4

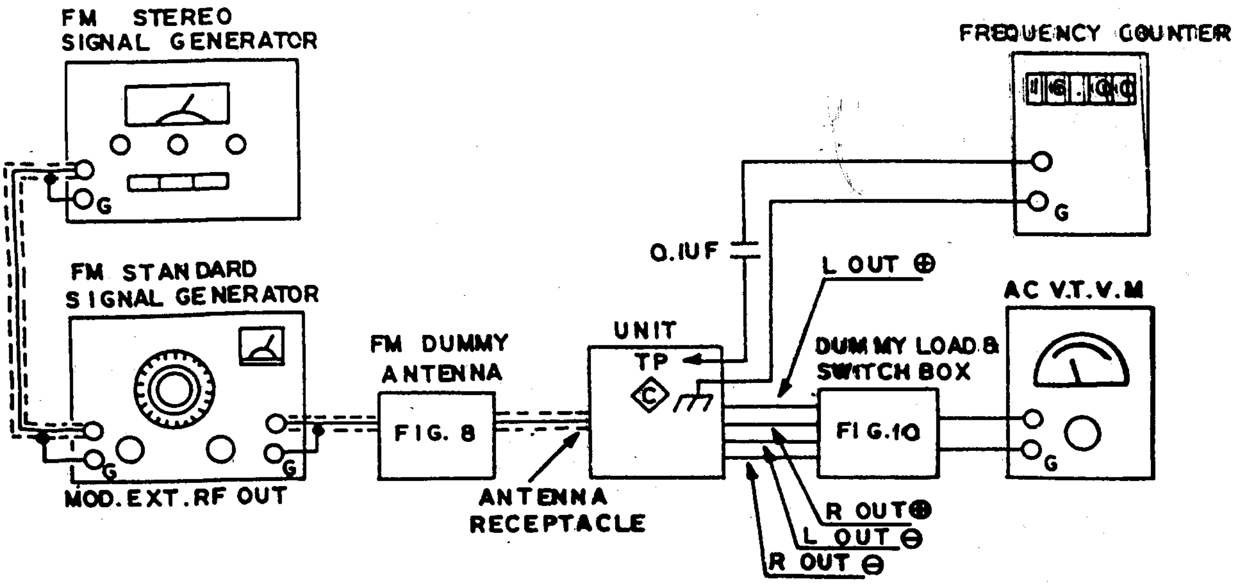

FM STEREO
SIGNAL GENERATOR
G
FM STANDARD
SIGNAL GENERATOR
G
G
MOD. EXT. RF OUT
FM DUMMY
ANTENNA
FIG. 8
UNIT
TP
C
ANTENNA
RECEPTACLE
0.1UF
FREQUENCY COUNTER
G
L OUT ⊕
DUMMY LOAD &
SWITCH BOX
FIG. 10
AC V.T.V.M
G
R OUT ⊕
L OUT ⊖
R OUT ⊖

FIG. 5

AM IF & RF ALIGNMENT FOR TEST INSTRUMENTS

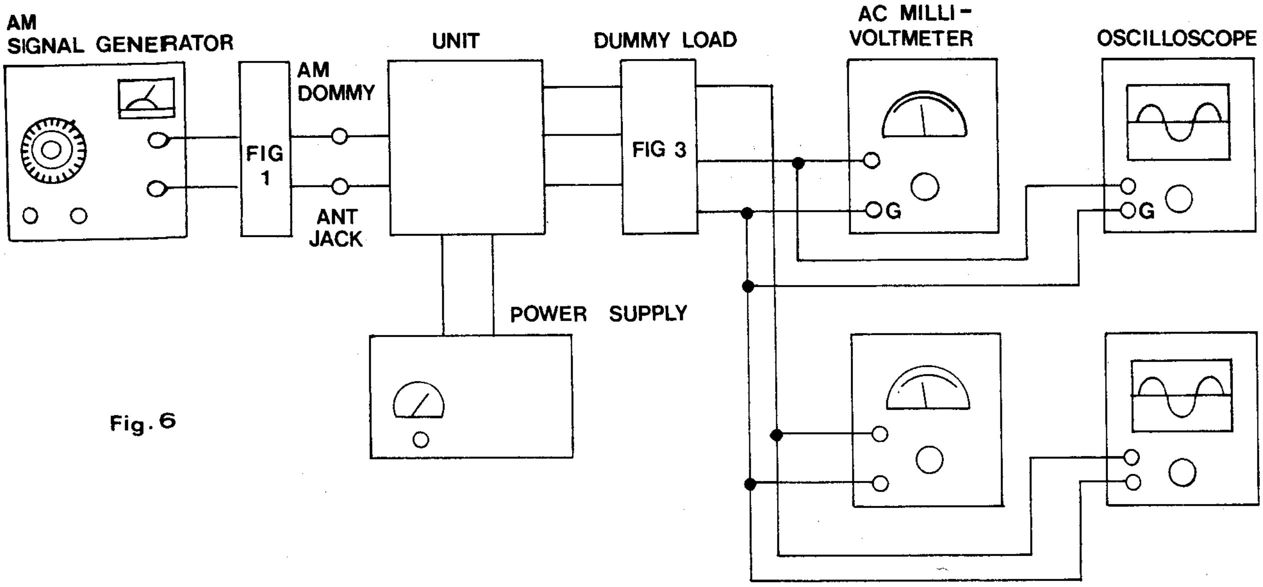

AM
SIGNAL GENERATOR
FIG
1
AM
DOMMY
ANT
JACK
UNIT
POWER SUPPLY
DUMMY LOAD
FIG 3
AC MILLI-
VOLTMETER
G
OSCILLOSCOPE
G

Fig. 6

FM RF ALIGNMENT FOR TEST INSTRUMENTS

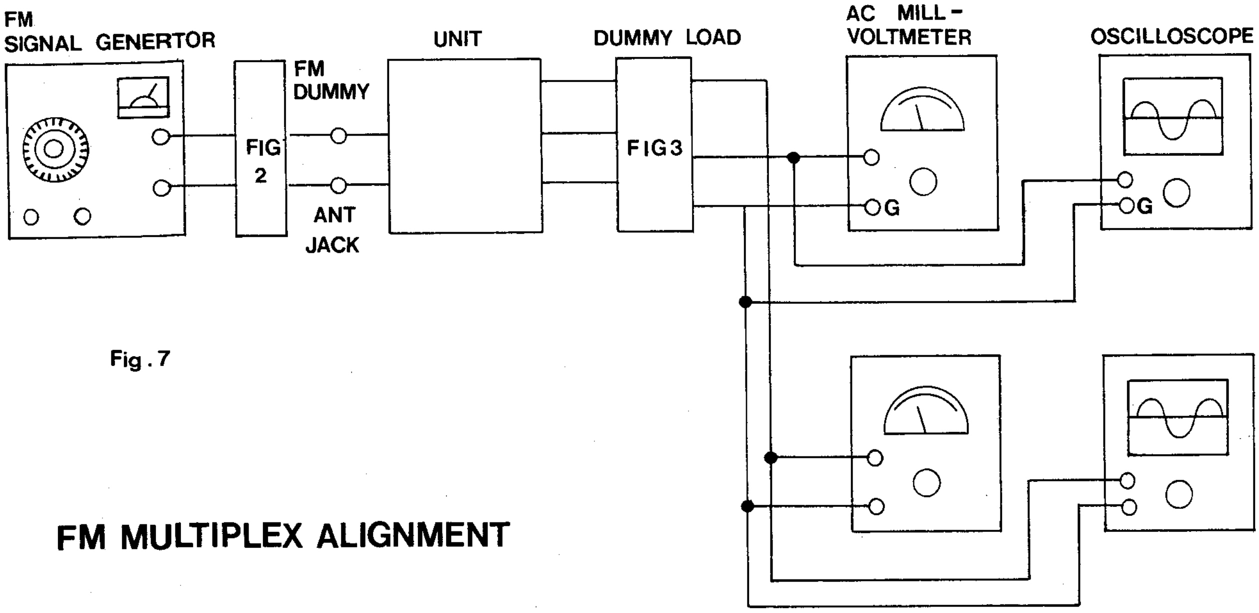

FM
SIGNAL GENERTOR
FIG
2
FM
DUMMY
ANT
JACK
UNIT
DUMMY LOAD
FIG3
AC MILL-
VOLTMETER
G
OSCILLOSCOPE
G

Fig. 7

FM MULTIPLEX ALIGNMENT

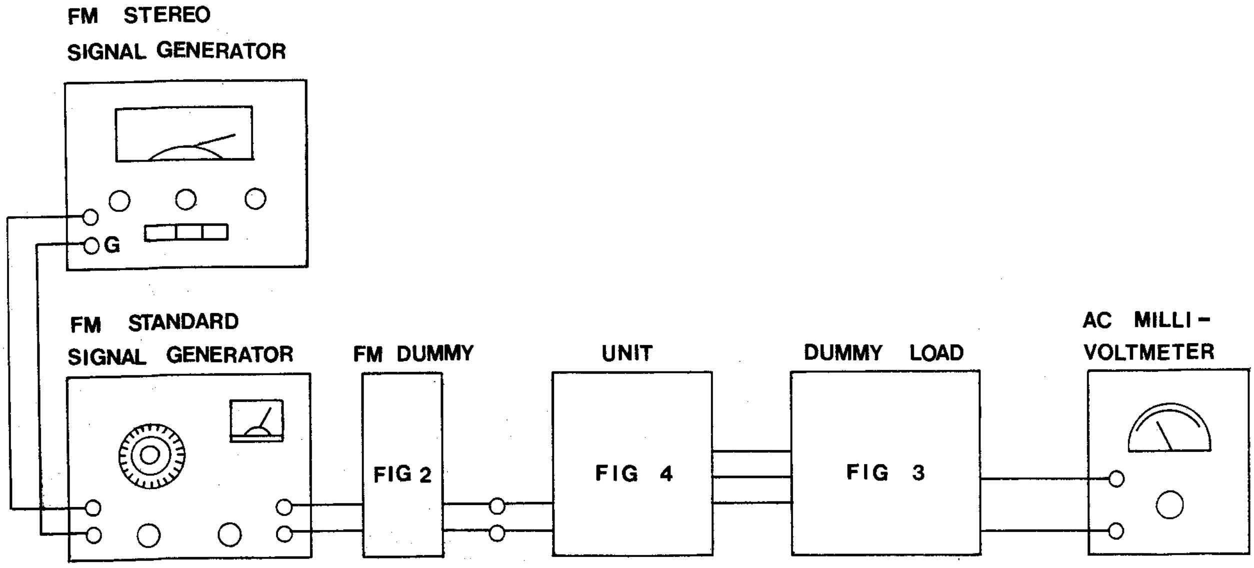
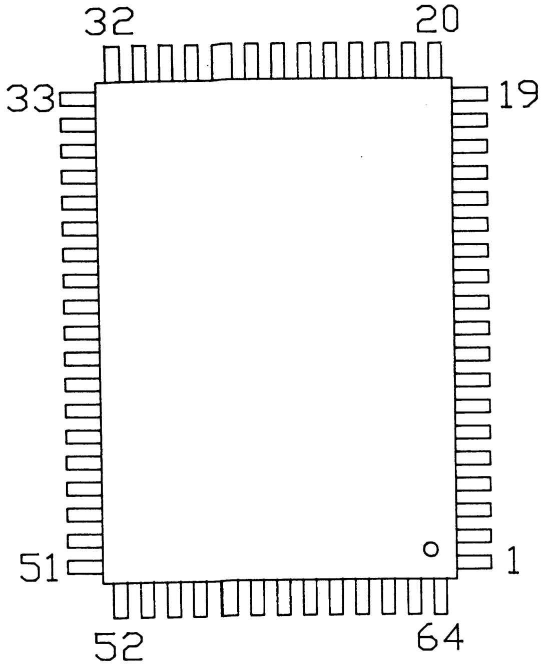

FM STEREO
SIGNAL GENERATOR
G
FM STANDARD
SIGNAL GENERATOR
FM DUMMY
FIG 2
UNIT
FIG 4
DUMMY LOAD
FIG 3
AC MILLI-
VOLTMETER

Fig. 8

I.C. PIN VIEW

UPD1719G 014/UPD 1723G 013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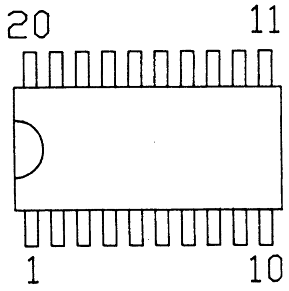
64

LA1135



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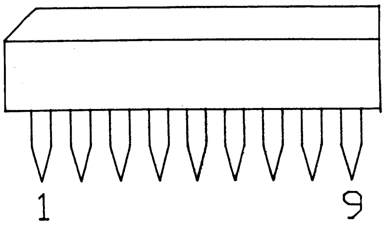

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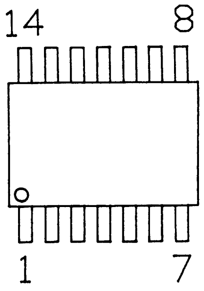

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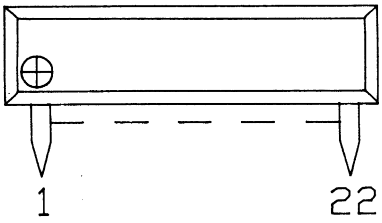

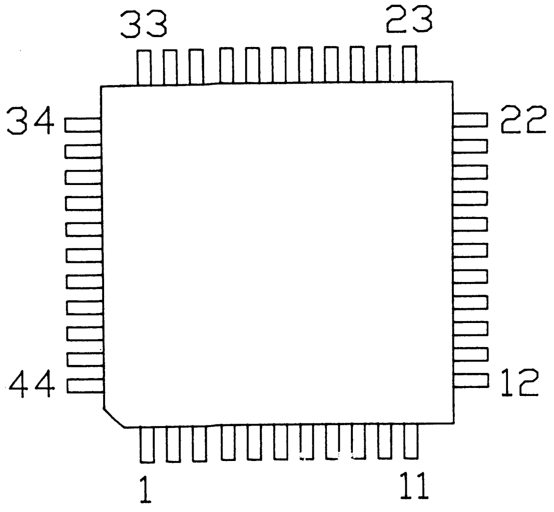
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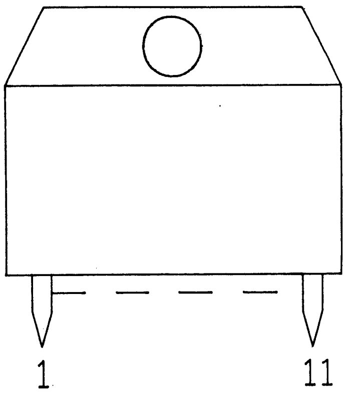
TDA2004



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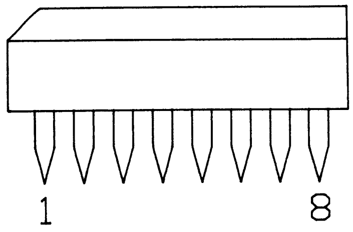

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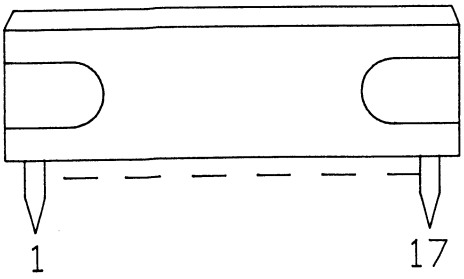
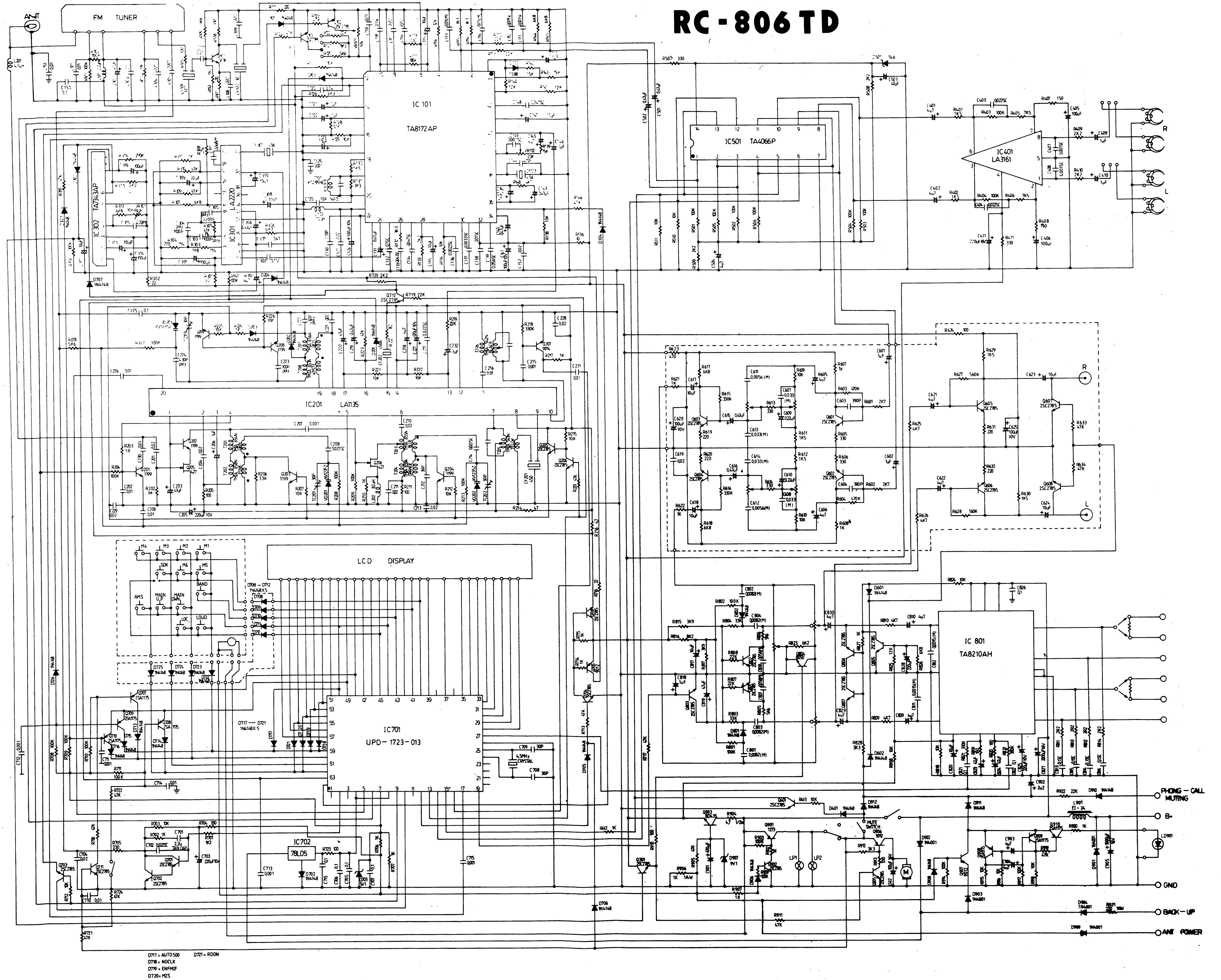
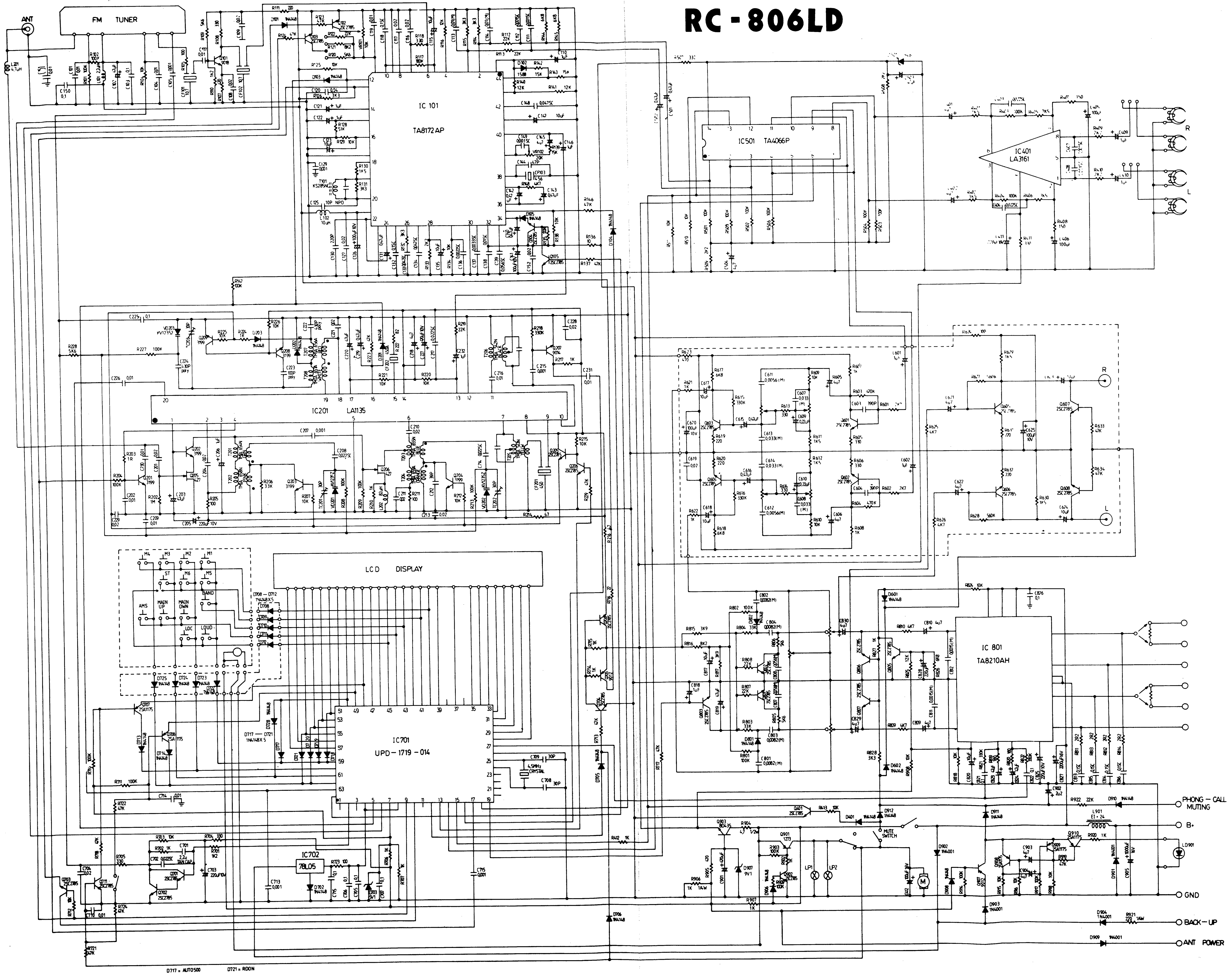


RC-806TD



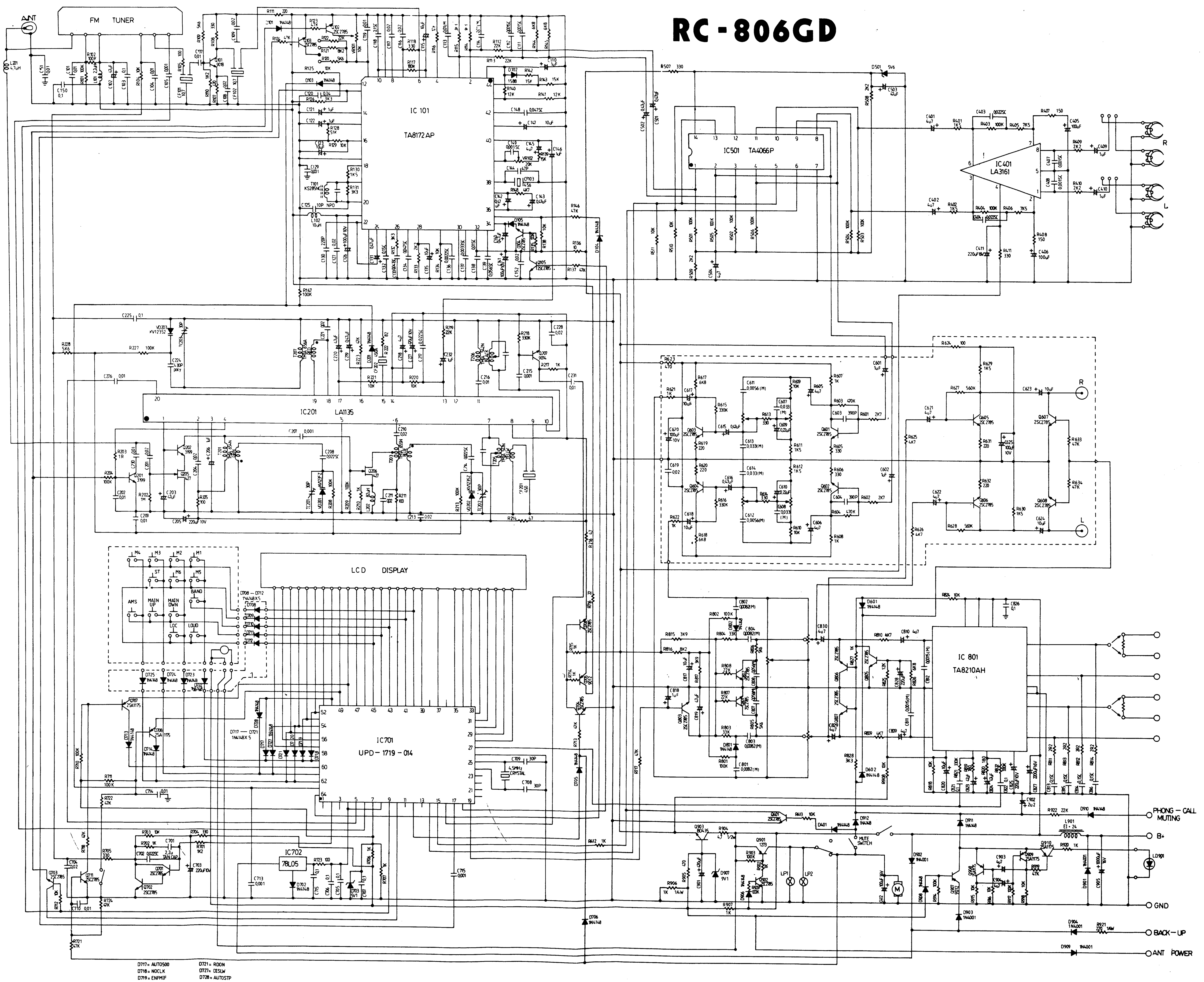
ANT
FM TUNER
IC 101
TA8172AP
IC 302
TA7343AP
IC 301
LA2220
IC501 TA4066P
IC401
LA3161
IC201 LA1135
LCD DISPLAY
IC701
UPD-1723-013
IC702
78L05
IC 801
TA8210AH
4.5MHz CRYSTAL
R
L
M4
M3
M2
M1
SEEK
M6
M5
BAND
AMS
MAIN UP
MAIN DWN
LOC
LOUD
D708 - D712 1N4148X5
D717 - D721 1N4148X5
MUTE SWITCH
LP1
LP2
PHONG - CALL MUTING
B+
GND
BACK - UP
ANT POWER
D717 = AUTO500
D718 = NOCLK
D719 = ENFMIF
D720 = MZS
D721 = RDON

RC-806LD


ANT
FM TUNER
IC 101
TA8172AP
IC501 TA4066P
IC401
LA3161
R
L
IC201 LA1135
LCD DISPLAY
M4
M3
M2
M1
ST
M6
M5
BAND
AMS
MAIN UP
MAIN DWN
LOC
LOUD
IC701
UPD-1719-014
4.5MHz CRYSTAL
IC702
78L05
IC 801
TA8210AH
PHONG-CALL MUTING
B+
GND
BACK-UP
ANT POWER
MUTE SWITCH
LP1
LP2
LD901
L901 EI-24

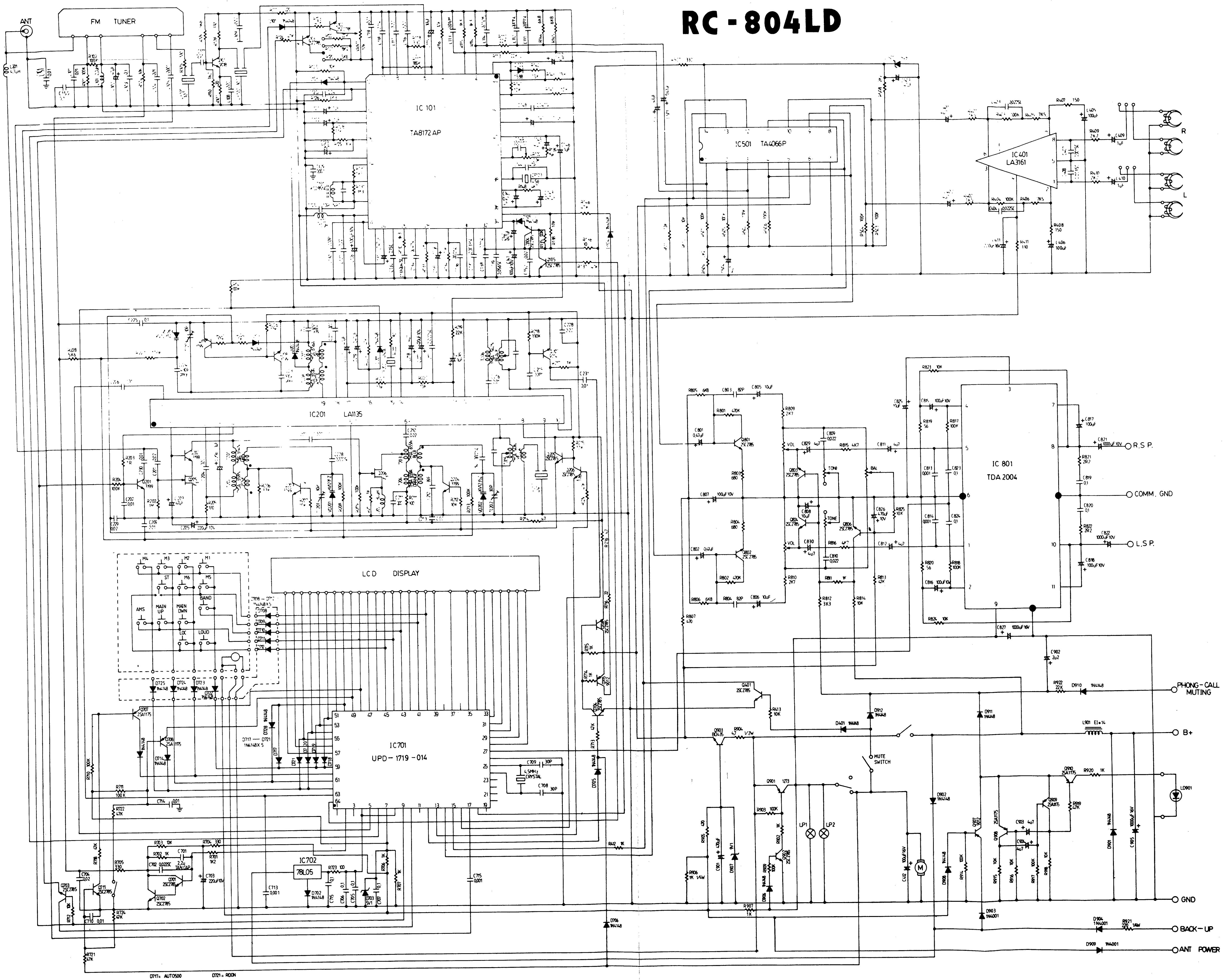
D717 = AUTO500
D718 = NOCLK
D719 = ENFMIF
D720 = MZS
D721 = RDON
D728 = AUTOSTP

RC-806GD


ANT
FM TUNER
IC 101
TA8172AP
IC201
LA1135
IC501
TA4066P
IC401
LA3161
R
L
LCD DISPLAY
IC701
UPD-1719-014
IC702
78L05
IC 801
TA8210AH
M4
M3
M2
M1
ST
M6
M5
AMS
MAIN UP
MAIN DWN
BAND
LOC
LOUD
4.5MHz CRYSTAL
MUTE SWITCH
LP1
LP2
LD901
PHONG-CALL MUTING
B+
GND
BACK-UP
ANT POWER

D717= AUTO500
D718= NOCLK
D719= ENFMIF
D720= MZS
D721= RDON
D727= DISLW
D728= AUTOSTP

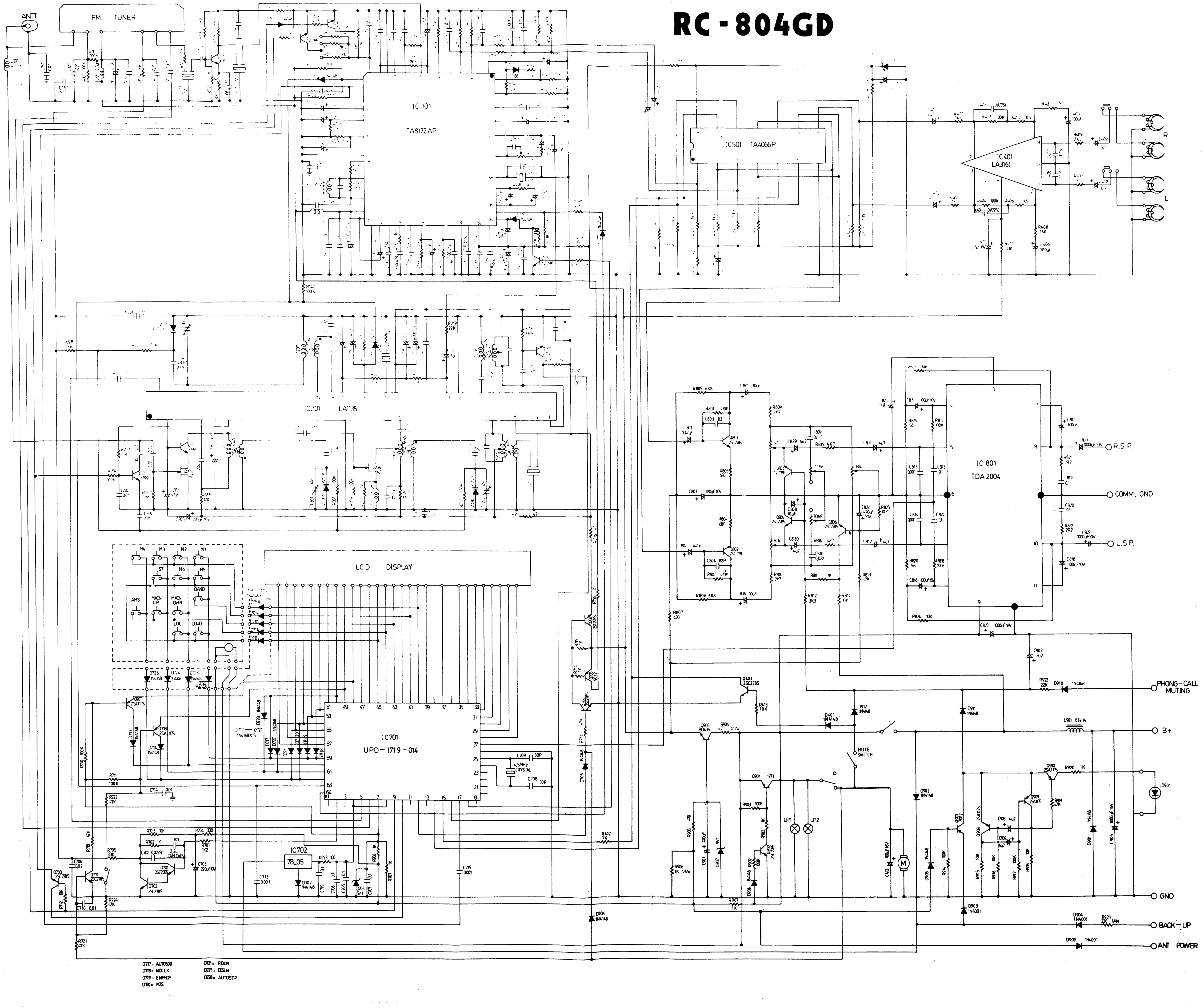
RC-804LD


ANT
FM TUNER
IC 101
TA8172AP
IC501 TA4066P
IC401
LA3161
R
L
IC201 LA1135
LCD DISPLAY
M4
M3
M2
M1
ST
M6
M5
AMS
MAIN UP
MAIN DWN
BAND
LOC
LOUD
IC701
UPD-1719-014
4.5MHz CRYSTAL
IC702
78L05
IC 801
TDA 2004
R.S.P.
COMM. GND
L.S.P.
VOL
TONE
BAL
PHONG-CALL MUTING
B+
MUTE SWITCH
LP1
LP2
LD901
GND
BACK-UP
ANT POWER
L901 EI*14
D910 1N4148
D401 1N4148
D912 1N4148
D911 1N4148
D902 1N4148
D903 1N4001
D904 1N4001
D909 1N4001
Q401 2SC2785
Q910 2SA1175
Q909 2SA1175
Q908 2SA1175
Q903 BD435
Q901 1273
Q707 2SA1175
Q708 2SA1175
Q703 2SC2785
Q711 2SC2785
Q702 2SC2785
Q801 2SC2785
Q802 2SC2785
Q803 2SC2785
Q806 2SC2785
D725 1N4148
D724 1N4148
D723 1N4148
D714 1N4148
D702 1N4148
D706 1N4148
R823 10K
R824 10K
R920 1K
R922 22K
R711 100K
R712 100K
C714 0.01
C709 30P
C708 30P
C821 1000uF 10V
C822 1000uF 10V
C827 1000uF 16V
C902 2.2
R407 150
R408 150

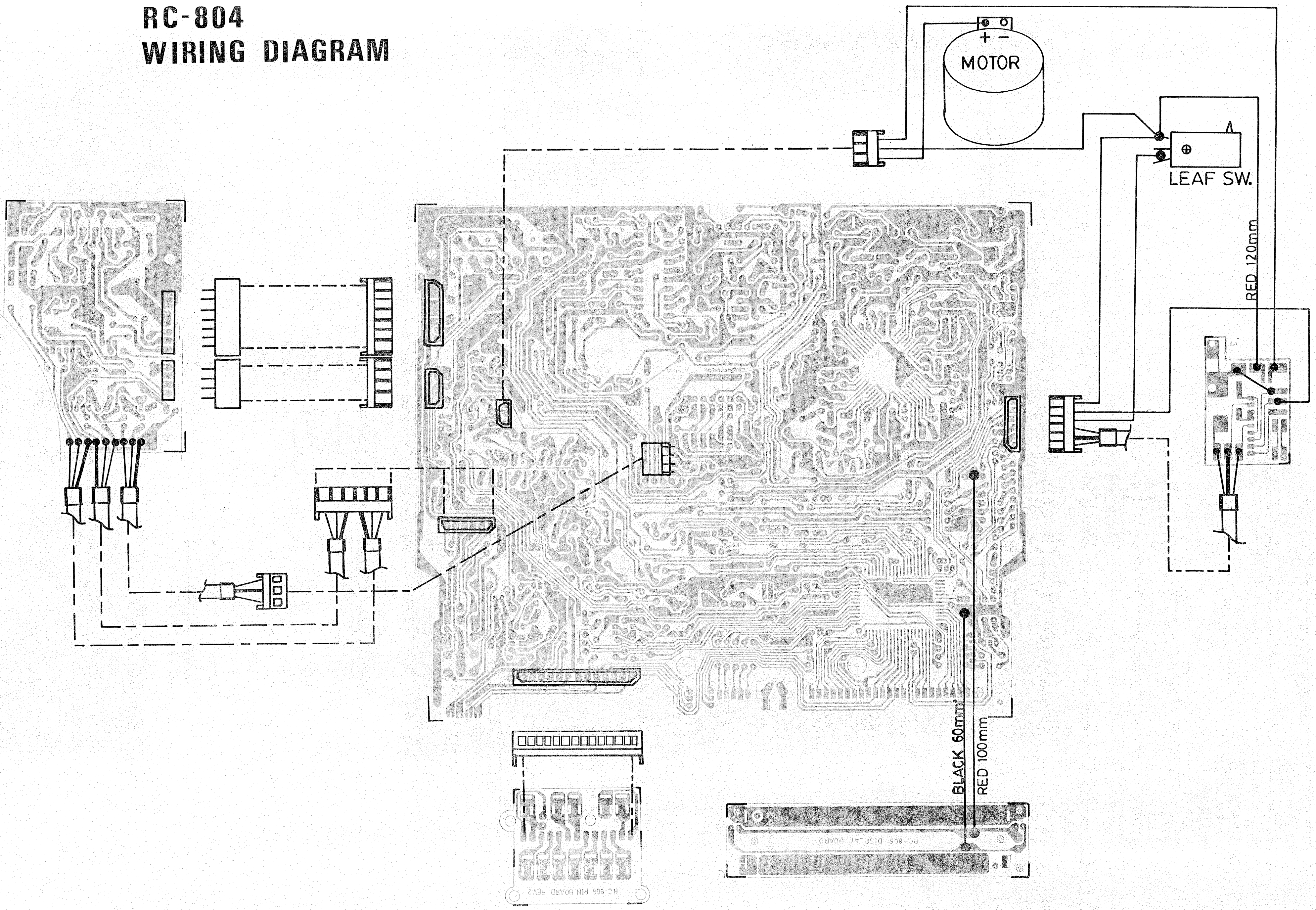
D717= AUTO500
D718= NOCLK
D719= ENFMIF
D720= MZS

D721= RDON
D728= AUTOSTP

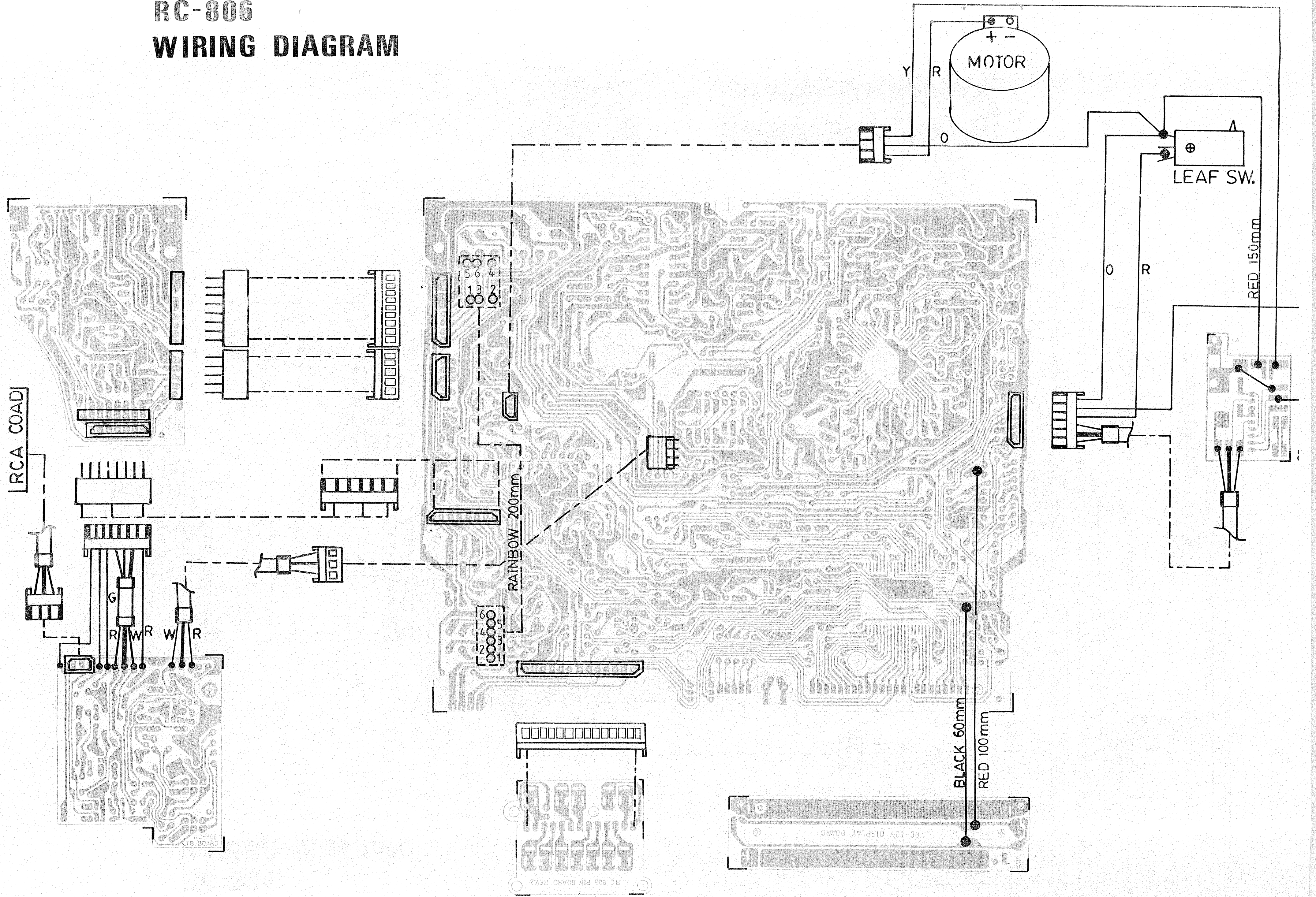
RC - 804GD


ANT
FM TUNER
IC 101
TA8172AP
IC501 TA4066P
IC401
LA3161
R
L
IC201 LA1135
LCD DISPLAY
M4
M3
M2
M1
ST
M6
M5
AMS
MAIN UP
MAIN DWN
BAND
LOC
LOUD
IC701
UPD-1719-014
4.5MHz CRYSTAL
IC702
78L05
IC 801
TDA 2004
R.S.P.
COMM. GND
L.S.P.
PHONG-CALL MUTING
B+
MUTE SWITCH
GND
BACK-UP
ANT POWER
LP1
LP2
M
LD901
L901 EI × 14
D717 = AUTO500
D718 = NOCLK
D719 = ENFMIF
D720 = MZS
D721 = RDON
D727 = DISLW
D728 = AUTOSTP

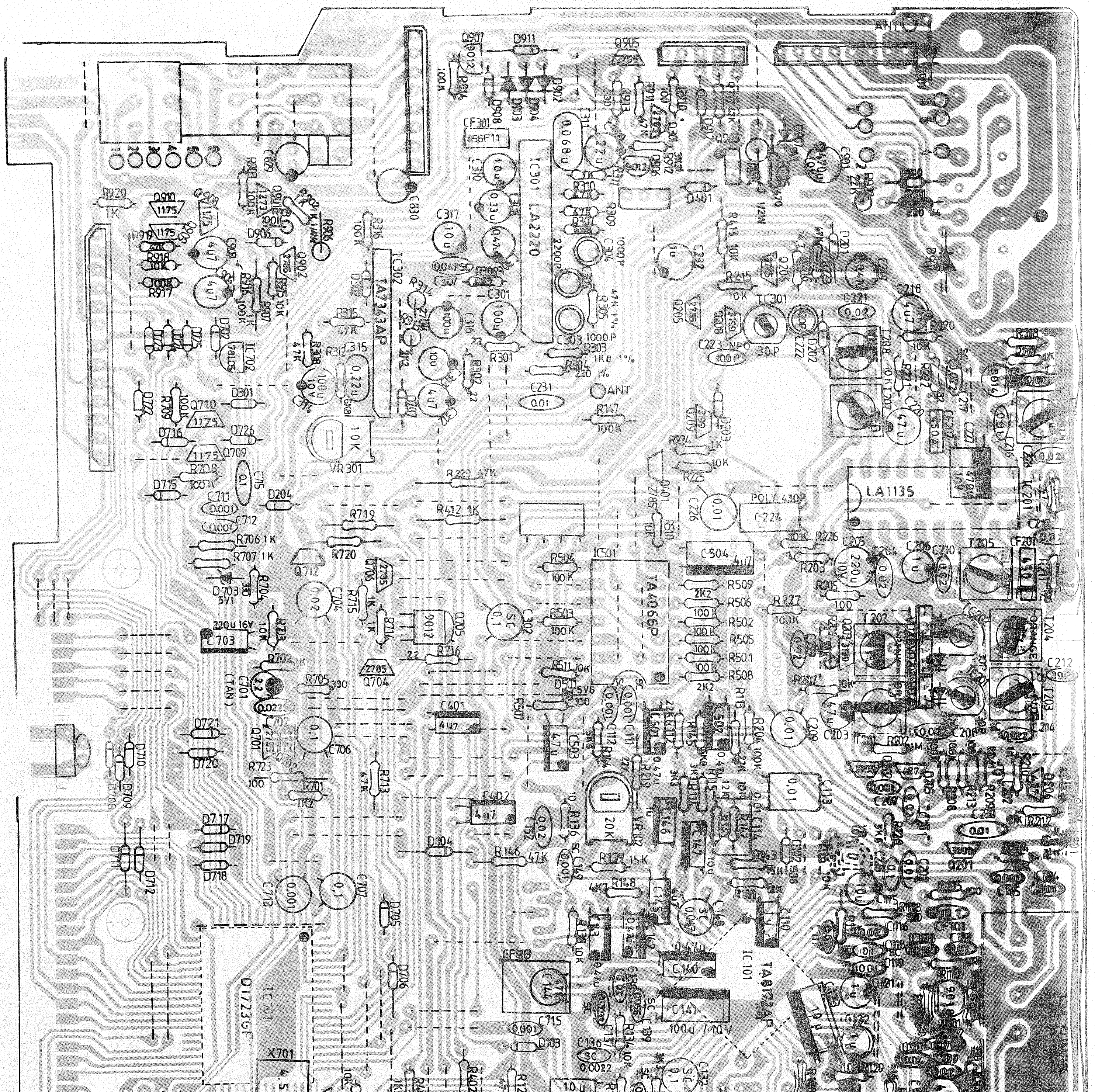
RC-804
WIRING DIAGRAM


MOTOR
+ −
LEAF SW.
RED 120mm
BLACK 60mm
RED 100mm
RC 806 PIN BOARD REV2
RC 805 DISPLAY BOARD

RC-806
WIRING DIAGRAM

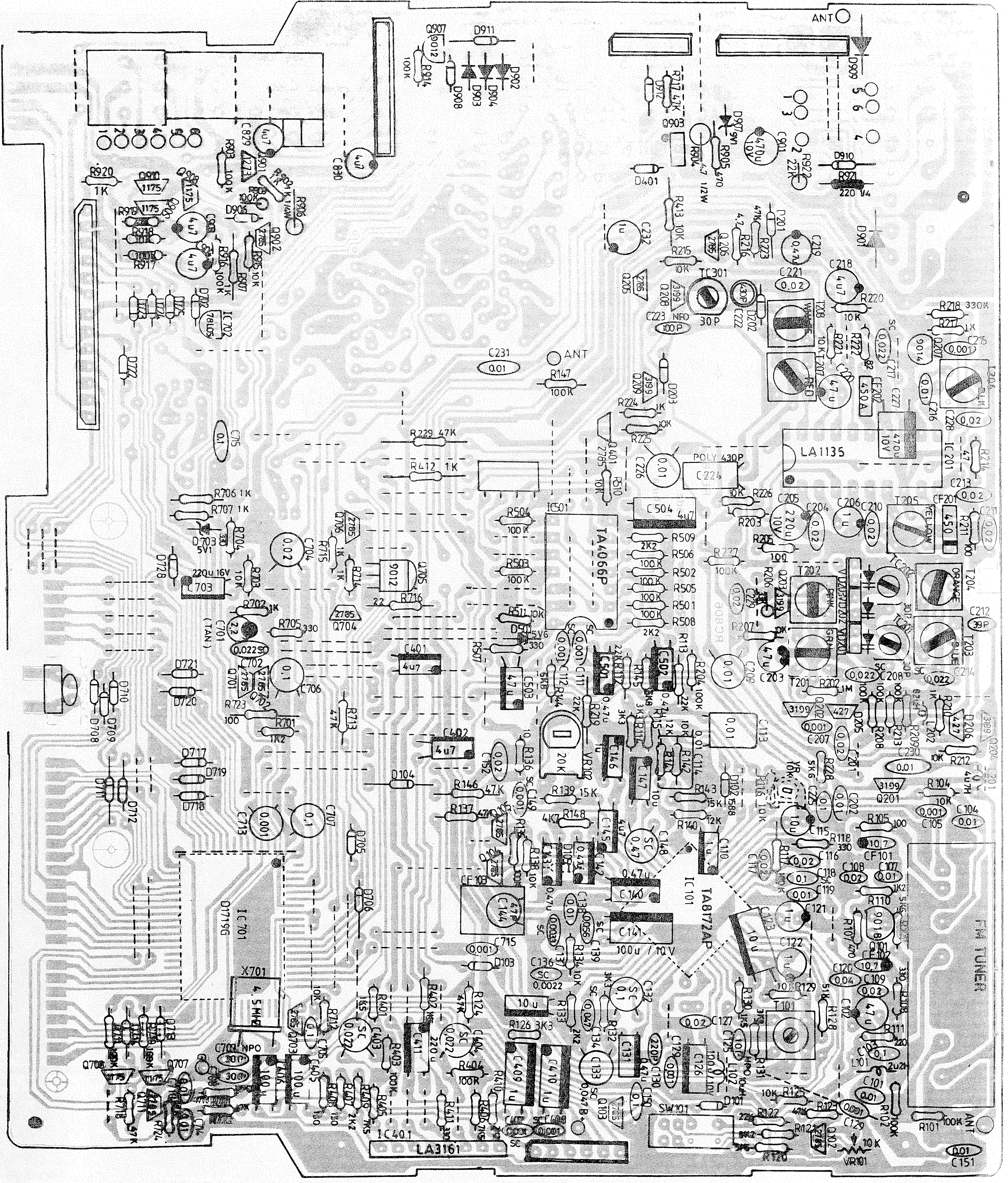

RCA COAD
G
R
W
R
W
R
RAINBOW 200mm
5 6 4
1 3 2
6 5 4 3 2 1
BLACK 60mm
RED 100mm
MOTOR
+ -
Y
R
O
LEAF SW.
O
R
RED 150mm
RC-806 TB BOARD
RC-806 DISPLAY BOARD
RC 806 PIN BOARD REV2

MAIN PCB (TOP VIEW)


ANT
Q907
D911
Q905
2785
9012
D908
D903
D904
D902
CF301
456F11
C310
IC301 LA2220
0.068u
22u
C317
10u
0.33u
0.47u
R310
R300
C311
C308
C307
0.047SC
2200P
1000P
C305
C306
R920
1K
Q910
1175
Q909
R919
R918
R917
R916
D906
Q902
R903
R904
C905
C903
C902
D909
IC302
TA7343AP
R316
100K
D302
R314
R315
47K
R313
R312
C315
0.22u
R311
C316
100u
C301
C303
R303
1K8 1%
R304
220 1%
R305
47K 1%
R302
R301
C231
0.01
R147
100K
D401
R413
10K
R215
10K
IC301
Q206
Q205
Q208
C223 NPO
100P
30P
C222
D202
D201
C221
0.02
C218
4u7
T208
10K
R220
C220
R222
R221
C217
T207
C227
C216
10V
C228
0.02
LA1135
IC201
Q207
D203
R224
1K
R225
10K
Q401
R229 47K
R412 1K
POLY 430P
C224
C226
R226
IC501
TA4066P
C504
4u7
R509
R506
R502
R505
R501
R508
2K2
100K
R504
R503
R511
10K
R227
100K
C205
220u
10V
C204
C206
1u
C210
T205
CF201
C209
T202
T204
ORANGE
C212
T203
C203
T201
R202
C208
R704
R706 1K
R707 1K
R719
R720
Q712
Q706
2785
R715
1K
R714
1K
Q705
9012
R716
2.2
Q704
R705
330
C703
220u 16V
R703
10K
R702
C701
(TAN)
2.2
0.022
Q702
Q701
C706
0.1
R723
100
R701
1K2
R713
47K
D703
5V1
C704
C302
0.02
R709
100K
Q710
1175
D716
D726
Q709
R708
100K
D715
C711
0.001
C712
0.001
C715
0.1
D204
D722
D801
C401
4u7
C402
4u7
C503
4.7u
C501
C502
R113
R204
VR102
20K
0.01
C113
D104
R146
47K
R136
C152
0.02
C146
C147
R139
15K
R148
4K7
C145
C149
0.047
C110
IC101
TA8122AP
C140
0.47u
C141
100u / 10V
C144
CF105
C715
0.001
D103
C136
SC
0.0022
R126 3K3
10u
C133
C132
0.1
C131
C126
R402
R401
R403
R124
C411
220u
C404
0.022
C403
0.022
C406
100u
C405
100u
R404
100K
R410
C409
C410
C407
0.001
C408
IC401
LA3136
SW101
D710
D708
D709
D721
D720
D717
D719
D718
D711
D712
C713
0.001
C707
0.1
D705
D706
IC701
D1723GF
X701
4.5MHz
C708 NPO
30P
30P
D713
R711
R710
R712
100K
Q708
1175
Q707
1175
R718
47K
R724
R721
R722
47K
C710
C714
0.01
VR301
10K
R504
Q201
9201
AM

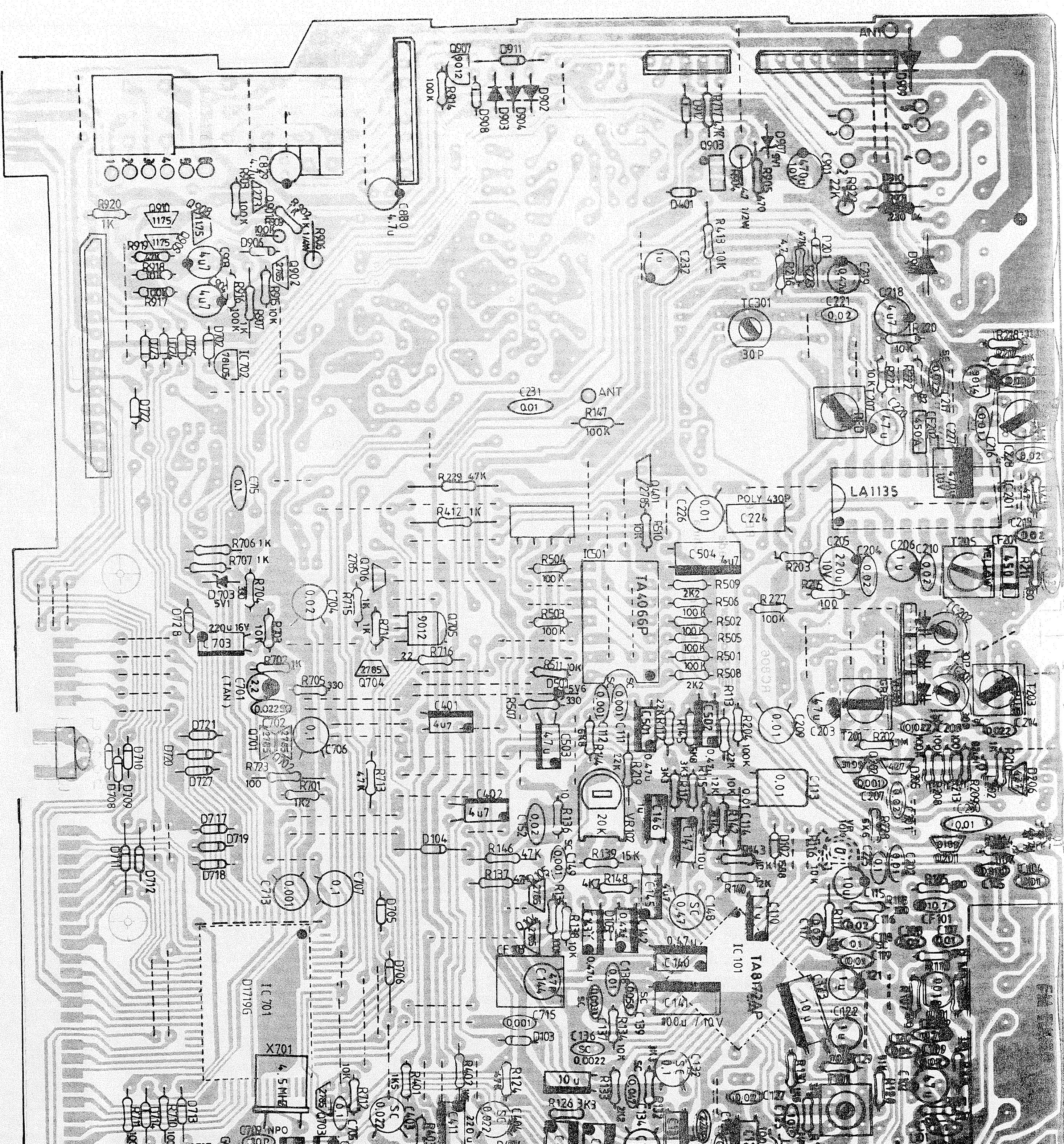
RC-806 TD

MAIN PCB (TOP VIEW)


ANT
LA1135
TA4066P
TA8172AP
LA3161
FM TUNER
IC 701
X701
SW101
VR101
VR102
IC501
IC 101
IC 201
IC401

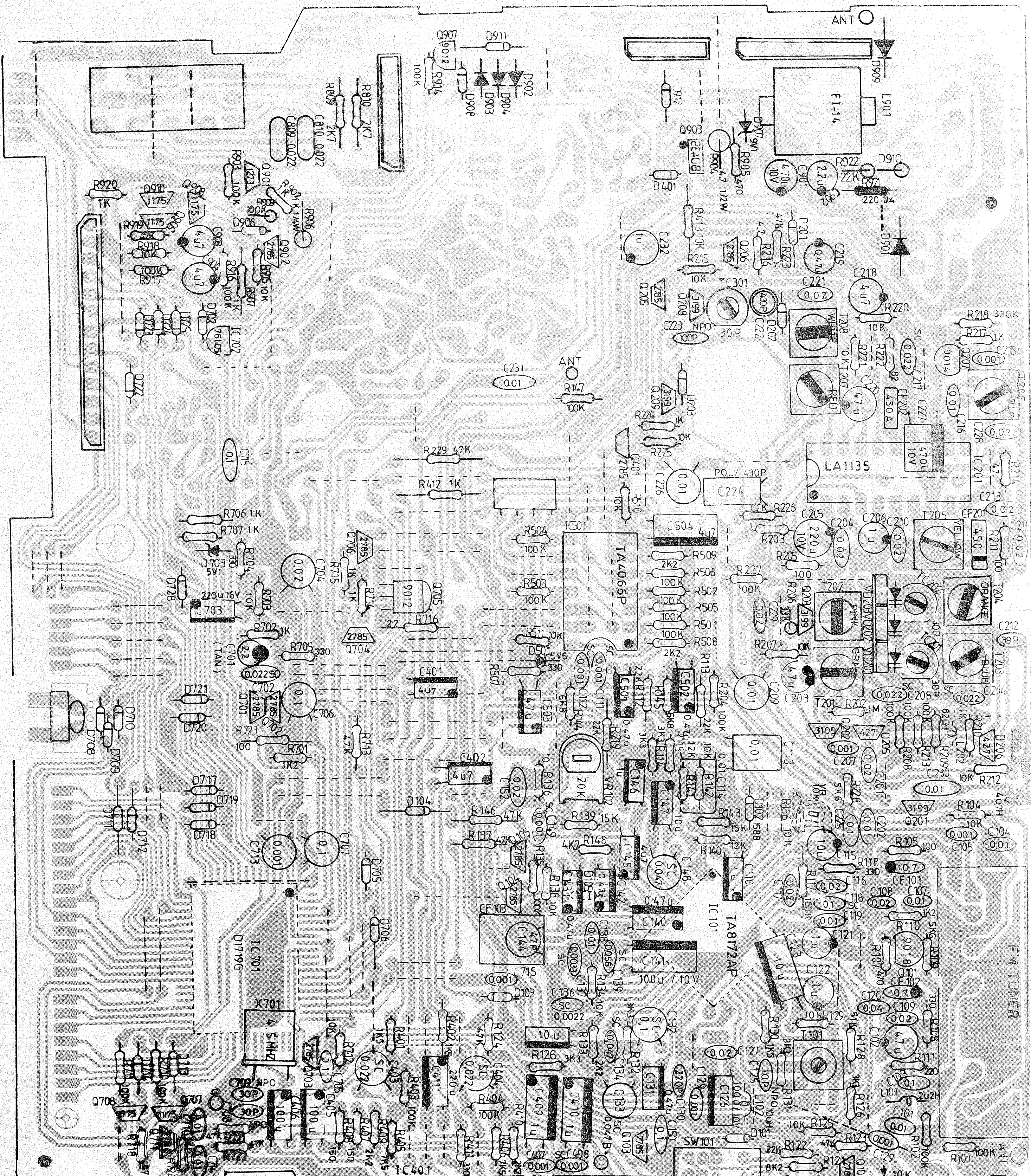
RC-806 LD

MAIN PCB (TOP VIEW)



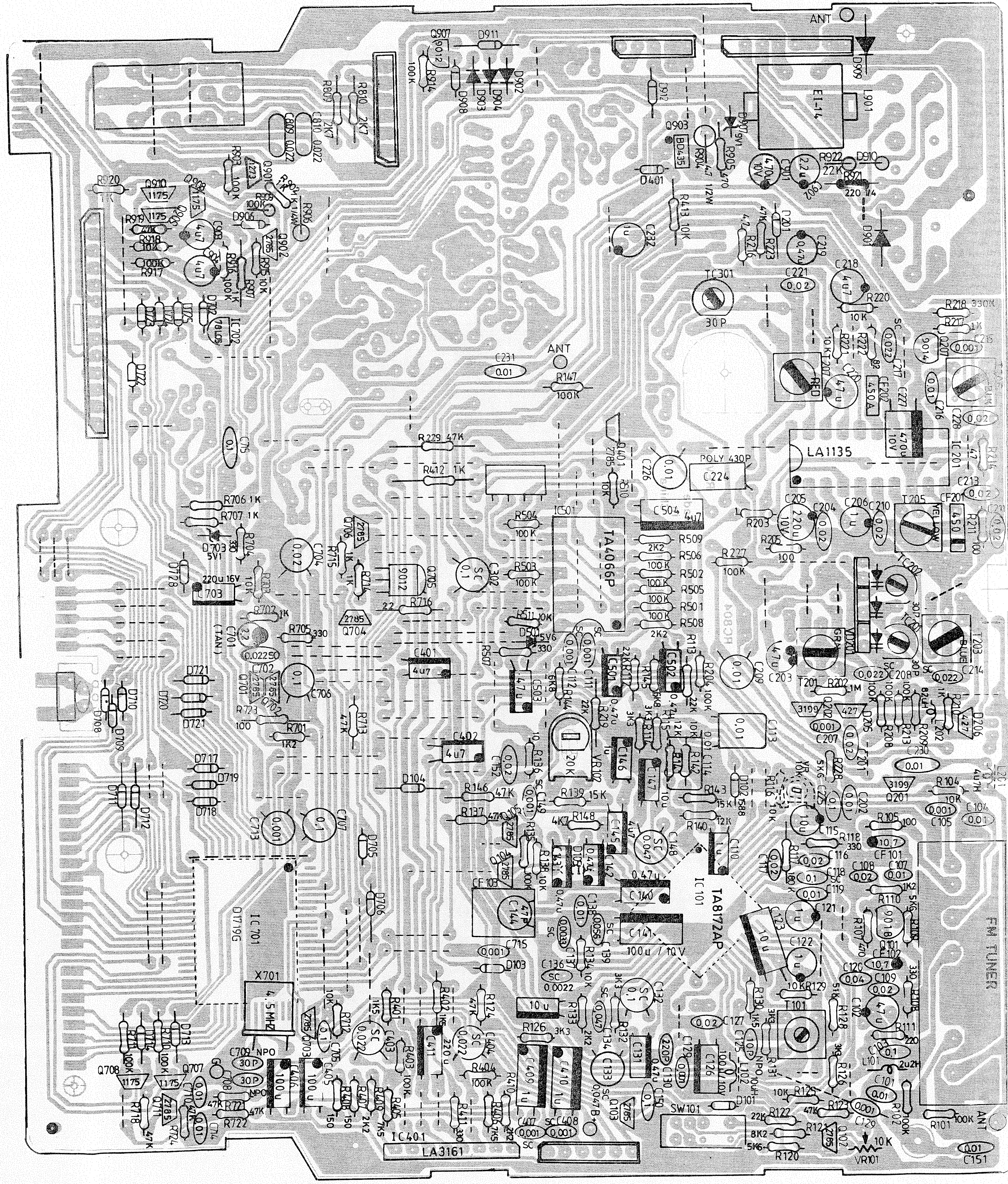
RC-806 GD

MAIN PCB (TOP VIEW)


ANT
Q907
9012
D911
D902
D903
D904
D908
R914
100K
R810
2K7
R809
2K7
C809 0.022
C810 0.022
L901
EI-14
D909
Q903
D910
R922 22K
C901
R921 220 1/4
D901
D401
R920 1K
Q900
1175
R919
R918
R917
Q901
R902
R903
D906
R906
R905
R904
Q902
R916
R915
D702
IC702
78L05
R772
D912
D907
R413 10K
R215 10K
C232
Q206
Q205
Q208
TC301
30P
C223
NPO
100P
C222
430P
D202
T208
WHITE
T207
RED
C221
0.02
C219
0.47u
C218
4u7
R220
10K
R218 330K
R217 1K
Q207
9014
C215
0.001
T206
BLUE
C228
0.02
CF202
450A
C227
470u 10V
C216
LA1135
IC201
R214
C213
0.02
C231
0.01
ANT
R147
100K
Q209
3199
D203
R224 1K
R225 10K
Q401
2785
C226
0.01
POLY 430P
C224
R310
10K
R226
C205
220u 10V
C204
0.02
C206
1u
C210
0.02
T205
YELLOW
CF201
450
R211
C211
0.02
R229 47K
R412 1K
C715
0.1
R706 1K
R707 1K
D703 5V1
R704 330
D728
C704
0.02
Q706
2785
R715
R714
Q705
9012
R716 22
Q704
2785
C703
220u 16V
R703
10K
R702 1K
C701
2.2
(TAN)
0.022
R705 330
IC501
TA4066P
C504 4u7
R504 100K
R503 100K
R509 2K2
R506 100K
R502 100K
R505 100K
R501 100K
R508 2K2
R227 100K
R205 100
R203
R206
Q203
3199
C229
0.02
T202
PINK
T204
ORANGE
T203
BLUE
C212
39P
C214
0.022
C208
0.022
T201
R202 1M
R511 10K
D501 5V6
R507 330
C401 4u7
C503 47u
C501
C502
C112
C117
R145
R113
R204 100K
C209 0.01
C203
D721
D720
D710
D708
D709
Q701
Q702
C702
2785
C706
R723 100
R701 1K2
R713 47K
C402 4u7
C152 0.02
R136
VR102
20K
R219
C146
C147
R114
R142
C113
0.01
C114
D205
R208
R213
R209
R207
C207 0.001
C230 0.01
R212
D206
3199
427
Q202
D717
D719
D718
D711
D712
C713 0.001
C707 0.1
D104
R146 47K
R137 47K
R139 15K
R148 4K7
C149
C145 4u7
C148 0.047
R143 15K
D102 1588
R140 12K
C110
C111
R116
R104
Q201 3199
C104 0.01
C105 0.001
R105 100
C202
C201
C115
C116
R118 330
CF101 10.7
C108 0.02
C107 0.01
C118
C119
0.01
0.02
0.1
R110 5K6
D705
D706
CF103
C144 47P
D103
C715 0.001
R135
R138
R134 10K
D101
C142 0.47u
C140
C141 100u/10V
C138
C139
C136 0.0022
C137
IC101
TA8172AP
C123 10u
C121 1u
C122 1u
Q101 9018
R107 470
CF102 10.7
R108 330
FM TUNER
C109 0.02
C120 0.04
IC701
D1719G
X701
4.5MHz
C709 30P NPO
30P NPO
Q708
1175
Q707
R718
R722
R724
C411 220u
C412
C405
C403
C404 0.022
C406
C407 0.001
C408 0.001
C409 1u
C410 1u
C131
C132 0.1
C133
C134
C129 0.001
C130
C126 100u
C127 0.02
C125
C128
L102 10uH
L101 2u2H
C102 47u
C103 0.1
C101 0.01
R401
R402
R403 100K
R404 100K
R406 2K5
R405
R407
R408
R410
R411
R124 47K
R126 3K3
R133 2K2
R132
R129
R130
R131
R128
R125 10K
R127
R122 22K
R121 8K2
R120 5K6
R123
R102 100K
R101 100K
R111 220
Q103
Q102
2785
SW101
D101
IC401
LA3161
VR101 10K
C151 0.01
SC

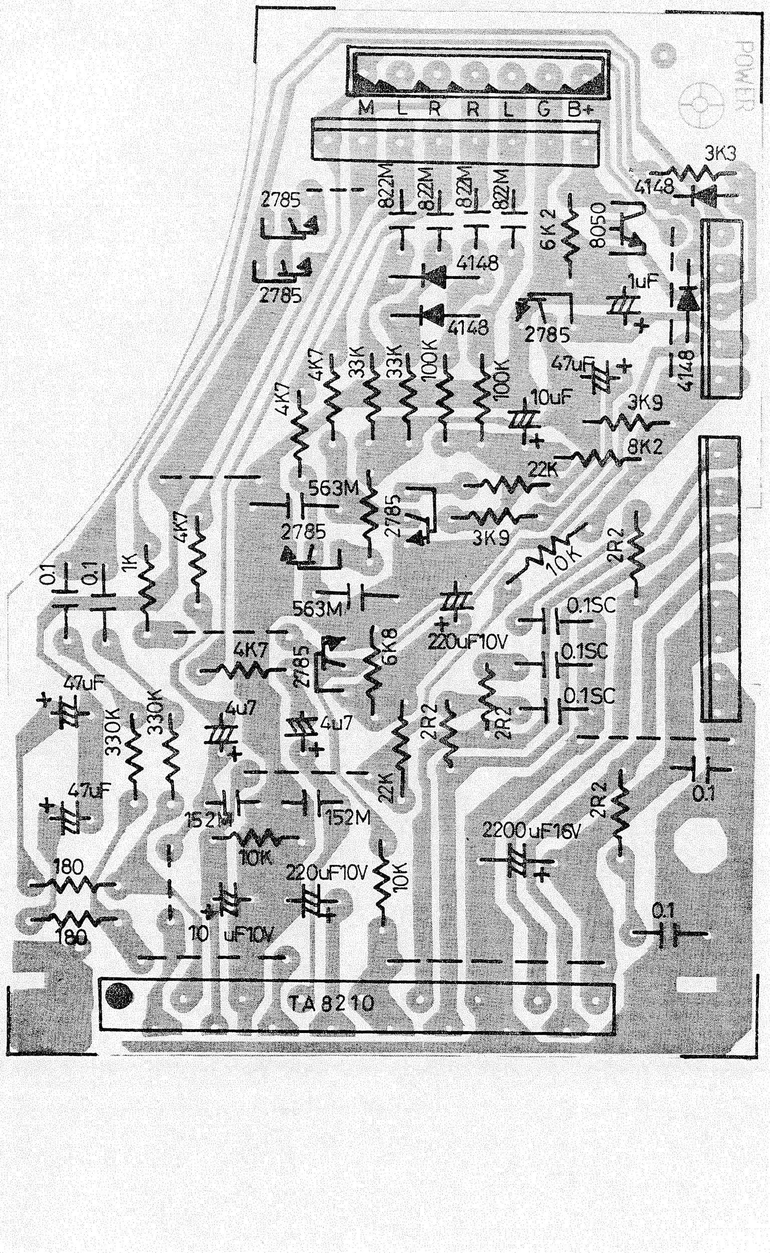
RC-804 LD

MAIN PCB (TOP VIEW)


ANT
Q907
D911
D909
L901
EI-14
Q903
BD435
D910
D401
TC301
30P
C231
R147
100K
ANT
R229 47K
R412 1K
Q401
2785
POLY 430P
C224
LA1135
IC201
T205
YELLOW
T204
RED
C504
IC501
TA4066P
R509
R506
R502
R505
R501
R508
T201
GRN
T203
BLUE
VR102
C401
C402
D104
CF101
CF102
CF103
IC101
TA8172AP
C140
C141
100u / 10V
T101
X701
4.5 MHz
IC701
D1719G
Q708
Q707
1175
IC401
LA3161
SW101
VR101
R120
C151
FM TUNER

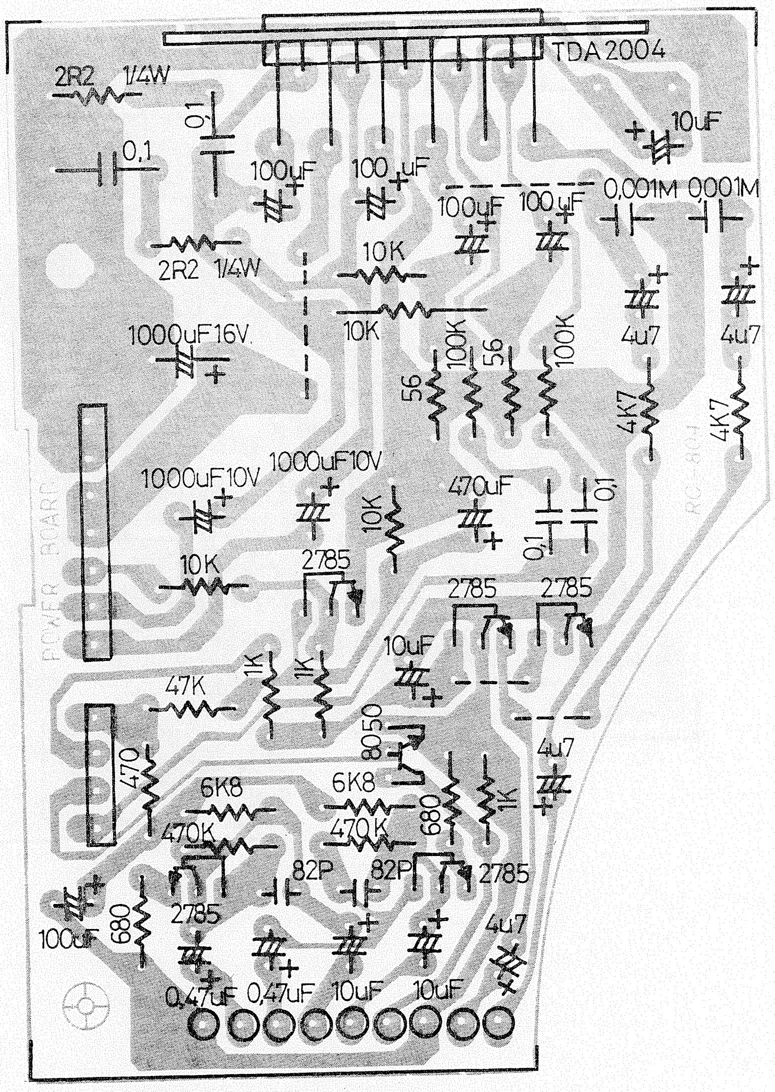
RC-804 GD

POWER PCB (TOP VIEW)
RC-806

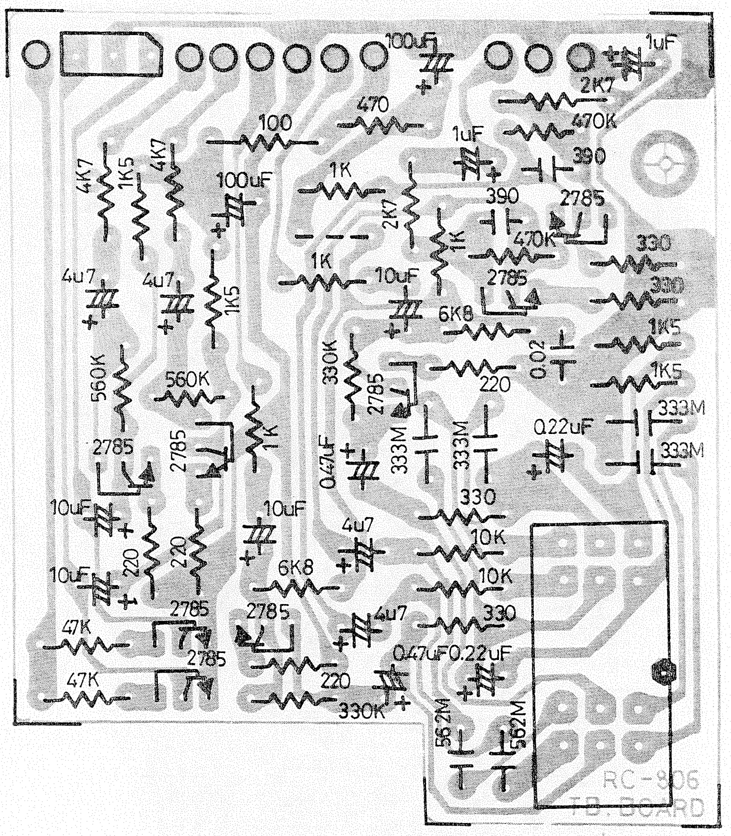

POWER
M L R R L G B+
3K3
4148
2785
822M
822M
822M
822M
6K2
8050
2785
4148
1uF
4148
2785
4148
4K7
4K7
33K
33K
100K
100K
47uF
4148
10uF
3K9
8K2
22K
563M
2785
2785
3K9
10K
2R2
0.1
0.1
1K
4K7
563M
220uF10V
0.1SC
0.1SC
0.1SC
4K7
2785
6K8
47uF
330K
330K
4u7
4u7
2R2
2R2
2R2
0.1
47uF
22K
152M
152M
2R2
10K
2200uF16V
180
220uF10V
10K
180
10 uF10V
0.1
TA8210

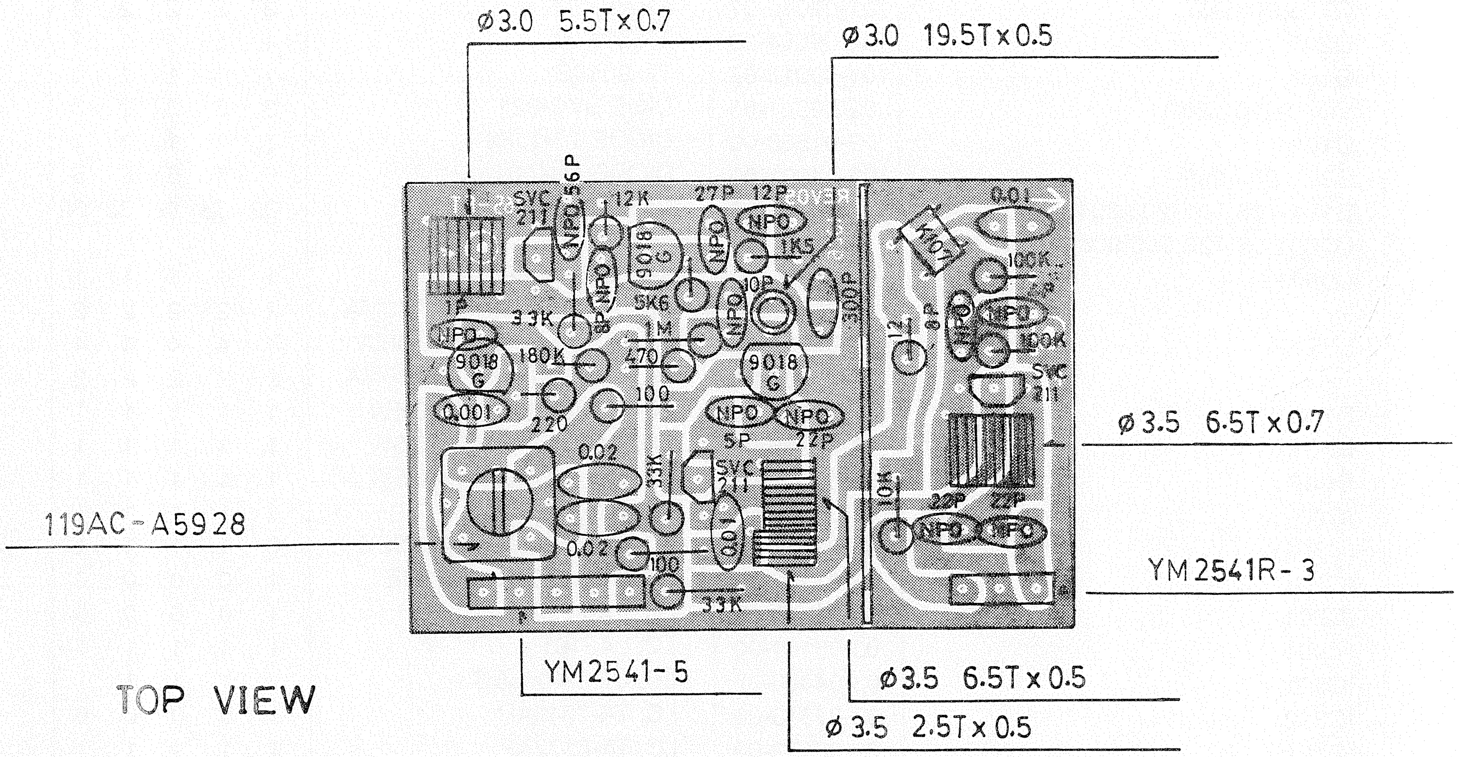
POWER PCB (TOP VIEW)

RC-804


TDA 2004
2R2 1/4W
0,1
0,1
100uF
100 uF
10uF
100uF
100 uF
0,001M
0,001M
2R2 1/4W
10K
10K
1000uF16V.
56
100K
56
100K
4u7
4u7
4K7
4K7
RC-804
POWER BOARD
1000uF10V
1000uF10V
10K
470uF
0,1
0,1
10K
2785
2785
2785
10uF
47K
1K
1K
8050
4u7
470
6K8
6K8
680
1K
470K
470K
82P
82P
2785
100uF
680
2785
4u7
0,47uF
0,47uF
10uF
10uF

TER/BASS PCB (TOP VIEW)


100uF
1uF
2K7
470
100
470K
1uF
390
4K7
1K5
4K7
100uF
1K
390
2785
2K7
1K
470K
330
1K
10uF
2785
330
4u7
4u7
1K5
6K8
1K5
0.02
560K
560K
330K
220
1K5
2785
333M
0.22uF
333M
2785
2785
0.47uF
333M
333M
1K
330
10uF
10uF
4u7
10K
220
220
6K8
10uF
10K
2785
2785
4u7
330
47K
2785
0.47uF
0.22uF
47K
220
330K
562M
562M
RC-806
TB. BOARD


ø3.0 5.5T×0.7
ø3.0 19.5T×0.5
ø3.5 6.5T×0.7
119AC-A5928
YM2541R-3
YM2541-5
ø3.5 6.5T×0.5
ø3.5 2.5T×0.5
SVC 211
56P
NPO
12K
27P
12P
9018 G
1K5
8P
5K6
10P
300P
1P
33K
1M
180K
470
0.001
220
100
5P
22P
0.02
0.01
10K
100K
12
8P

TOP VIEW

A=RC-806TD B=RC-806LD C=RC-806GD E=RC-804GD RC-806,804 MAIN BOARD

Ref. No.	Part No.	Description	QTY				
			A	B	C	D	E
D205,206	01-00427-20	TR.2SK427T	2	2	2	2	2
Q903	01-00435-00	TR.BD435	1	1	1	1	1
Q707-710,908-910	01-01175-00	TR. 2SA1175-FF	7	5	5	5	5
Q901	01-01273-25	TR. 2SA-1273Y (KEC)	1	1	1	1	1
Q102,103,205,206,301,701-704, Q706,711,902,905,401,104,105 Q712	01-02785-05	TR. 2SC2785 (E)	15	14	12	14	12
Q201-204,208,209	01-03199-25	TR.3199Y	6	6	2	6	2
IC702	01-07805-00	REGULATOR 78L05	1	1	1	1	1
Q705,906,907	01-09012-07	TR.9012G	3	2	2	2	2
Q207	01-09014-03	TR.9014C	1	1	1	1	1
Q101	01-09018-07	TR.9018G	1	1	1	1	1
VD201,202,203	02-00321-00	DIOE SVC-321	3	3	3	3	3
D102	02-01588-00	DIODE 1S-1588	1	1	1	1	1
D901-904,909	02-04001-00	DIODE 1N4001	5	5	5	5	5
D101-105,201-203,204,301,302,401 D702,205-727,906,908,910-912,921	02-04148-00	DIODE 1N4148	39	33	32	33	32
LD901	02-30000-02	LED 3MM RED	1	1	1	1	1
	02-30007-00	PILOT LAMP 3x7 14V 40MA	2	2	2	2	2
LPS-8	02-30703-40	PILOT LAMP 3x7 3V 40MA	4	4	4	4	4
	02-40008-00	PILOT LAMP 4x8 14V 80MA	2	2	2	2	2
D703	02-50051-00	ZENER DIODE 5.1V 0.5W	1	1	1	1	1
D501	02-50056-00	ZENER DIODE 5.6V 0.5W	1	1	1	1	1
D907	02-50091-00	ZENER DIODE 9.1V 0.5W	1	1	1	1	1
IC201	03-01019-00	I.C. DBL-1019	1	1	1	1	1
IC701	03-01719-14	I.C. UPD1719G-014-3 NEC	0	1	1	1	1
IC701	03-01723-13	I.C. UPD1723G-013-3BE	1	0	0	0	0
IC301	03-02220-00	I.C. LA-2220	1	0	0	0	0
IC401	03-03161-00	I.C. LA3161	1	1	1	1	1
IC501	03-04066-02	I.C. UPC-4066BC	1	1	1	1	1
IC302	03-07343-00	I.C. TA-7343AP	1	0	0	0	0
IC101	03-08172-00	I.C. TA-8172AF	1	1	1	1	1
X701	04-00045-00	CRYSTAL 4.5MHZ (HC 18U)	1	1	1	1	1
C125	05-00100-06	CER CAP 10PF NPO -\+5%	1	1	1	1	1
C223	05-00101-06	CER CAP 100PF NPO -\+5%	1	1	0	1	0
C105,207,215,711-713,715,129, C160	05-00102-82	CER CAP 0.001uF	9	7	7	7	7
C101,104,107,119,138,151,202,209 C216,226,710,714,231,230,412	05-00103-82	CER CAP 0.01uF	14	14	14	14	14
C225,705,707,150,103,715	05-00104-82	CER CAP 0.1uF	6	6	6	6	6
C108,109,116,117,127,152,201,204 C210,211,221,229,228,704	05-00203-82	CER CAP 0.02uF	15	15	14	15	14
C301,151	05-00221-00	CER CAP220PF	1	1	1	1	1
C708,709	05-00300-06	CER CAP 30PF NPO -\+5%	2	2	2	2	2
C212	05-00390-00	CER CAP 39PF	1	1	0	1	1
C120	05-00403-82	CER CAP 0.04PF	1	1	1	1	1
C144	05-00470-00	CER CAP 47PF	1	1	1	1	1
C113,114	05-02103-10	MYLAR CAP 0.01uF -\+10%	2	2	2	2	2
C809,810	05-02223-10	MYLAR CAP 0.022 uF -\+10%	0	0	0	2	2

A=RC-806TD B=RC-806LD C=RC-806GD E=RC-804GD RC-806,804 MAIN BOARD

Ref. No.	Part No.	Description	QTY A	B	C	D	E
C315	05-02224-10	MYLAR CAP 0.22uF -\+10%	1	0	0	0	0
C311	05-02683-10	MYLAR CAP 0.068uF -\+10%	1	0	0	0	0
C111	05-03102-00	S.C. CAP 0.001uF	5	5	5	5	5
C138	05-03103-00	S.C. CAP 0.01uF	1	1	1	1	1
C118,132,302	05-03104-00	S.C. CAP 0.1uF	3	2	2	2	2
C136	05-03222-00	S.C. CAP 0.0022uF	1	1	1	1	1
C208,214,217,403,404,702	05-03223-00	S.C. CAP 0.022uF	6	6	6	6	6
C137	05-03332-00	S.C. CAP 0.0033uF	1	1	1	1	1
C133,134,148,307	05-03473-00	S.C. CAP 0.047uF	4	3	3	3	3
C139	05-03563-00	S.C. CAP 0.056uF	1	1	1	1	1
TC201-203	05-08030-05	TRIMMER CAP 30P GREEN	3	3	3	3	3
C303,304	05-09102-11	POLY CAP 1000PF	2	0	0	0	0
C305	05-09222-00	POLY CAP 2200PF	1	0	0	0	0
C222,224	05-09431-00	POLY CAP430PF	2	2	1	2	1
C701	05-16225-00	TAN CAP 2.2uF 16V	1	1	1	1	1
C405,406	06-10107-01	E. CAP 100uF 10V (5X7MM)	2	2	2	2	2
C205	06-10227-00	E.CAP 220 uF 10V	1	1	1	1	1
C503,203	06-10476-01	E.CAP 47uF 10V (5X7MM)	2	2	2	2	2
C227,901	06-10477-00	E.CAP 470uF 10V (8X11.5MM)	2	2	2	2	2
C147,135	06-16106-01	E.CAP 10uF 16V (4X7MM)	2	2	2	2	2
C141,301,314,412,316	06-16107-00	E.CAP 100uF 16V	5	2	2	2	2
C126	06-16107-01	E.CAP 100uF 16V (6.3X7MM)	1	1	1	1	1
C905	06-16108-00	E.CAP 1000uF 16V (10X15MM)	1	1	1	1	1
C309	06-16226-00	E.CAP 22uF 16V	1	0	0	0	0
C411,703	06-16227-01	E.CAP 220uF 160V (6MM)	2	2	2	2	2
C219,306	06-16474-00	E.CAP 0.47uF 16V	2	1	1	1	1
C142,143,140,131,501,502	06-16474-01	E.CAP 0.47uF 16V (4X7MM)	6	6	6	6	6
C401,402,145	06-16475-01	E.CAP 4.7uF 16V (4X7MM)	3	3	3	3	3
C102,220,706	06-16476-00	E.CAP 47uF 16V (5X11MM)	3	3	3	3	3
C121,122,206	06-50105-00	E.CAP 1uF 50V	3	3	3	3	3
C409,410,110,232,146	06-50105-01	E.CAP 1uF 50V (4X7MM)	5	5	5	5	5
C115,123,310,317,313	06-50106-00	E.CAP 10uF 50V	5	2	2	2	2
C902	06-50225-00	E.CAP 2.2uF 50V	1	0	0	1	1
C308	06-50334-00	E.CAP 0.33uF 50V	1	0	0	0	0
C218,312,504,903,904	06-50475-00	E.CAP 4.7uF 50V	5	4	4	4	4
R303	07-01182-00	RES. 1.8K 1/4W	1	0	0	0	0
R304	07-01221-00	RES. 220 ohm 1/4W	1	0	0	0	0
R203	07-01473-00	RES. 47K 1/4W	1	0	0	0	0
R904	07-05010-16	RES. 1 ohm 1/16W	1	1	1	1	1
R216	07-05047-10	RES. 4.7 ohm 1/2W	1	1	1	1	1
R136	07-05047-16	RES. 4.7 ohm 1/16W	1	1	1	1	1
R105,205,211,910,723	07-05100-16	RES. 10 ohm 1/16W	1	1	1	1	1
R906	07-05101-16	RES. 100 ohm 1/16W	4	4	4	4	4
R210,217,224,311,412,702,706,707,	07-05102-00	RES. 1K 1/4W	1	1	1	1	1
R714,715,907,902,920	07-05102-16	RES. 1K 1/16W	13	12	11	12	11
R104,125,129,134,138,207,212,215, R142,221,225,226,220,413,510,511 R703,712,915,918	07-05103-16	RES. 10K 1/16W	20	20	15	21	16
R101,102,135,147,204,208,209,213 R227,316,403,404,501-506,708-711 R903,909,914,916,917	07-05104-16	RES. 100K 1/16W	26	24	25	24	25

A=RC-806TD B=RC-806LD C=RC-806GD E=RC-804GD RC-806,804 MAIN BOARD

Ref. No.	Part No.	Description	QTY A	B	C	D	E
R202	07-05105-16	RES. 1M 1/16W	1	1	1	1	1
R110,701	07-05122-16	RES. 1.2K 1/16W	2	2	2	2	2
R116,140,141	07-05123-16	RES. 12K 1/16W	3	3	3	3	3
R407,408	07-05151-16	RES. 150 ohm 1/16W	2	2	2	2	2
R130,401,402	07-05152-16	RES. 1.5K 1/16W	3	3	3	3	3
R139,143	07-05153-16	RES. 15K 1/16W	2	2	2	2	2
R117	07-05184-16	RES. 180K 1/16W	1	1	1	1	1
R301,302,716	07-05220-16	RES. 22 ohm 1/16W	3	1	1	1	1
R921	07-05221-00	RES. 220 ohm 1/4W	1	1	1	1	1
R111	07-05221-16	RES. 220 ohm 1/16W	1	1	1	1	1
R133,313,409,410,508,509,720	07-05222-16	RES. 2.2K 1/16W	7	5	5	5	5
R112,113,122,719,219,309	07-05223-16	RES. 22K 1/16W	6	4	4	4	4
R809,810	07-05272-16	RES. 2.7K 1/16W	0	0	0	0	0
R314	07-05274-16	RES. 270K 1/16W	1	0	0	0	0
R108,118,411,507,705,913,704	07-05331-16	RES. 330 ohm 1/16W	7	6	6	6	6
R114,115,126,131,912,131	07-05332-16	RES. 3.3K 1/16W	6	5	5	5	5
R206	07-05333-16	RES. 33K 1/16W	1	1	1	1	1
R218	07-05334-16	RES. 330K 1/16W	1	1	1	1	1
R214	07-05470-16	RES. 47 ohm 1/16W	1	1	1	1	1
R107,905	07-05471-16	RES. 470 ohm 1/16W	2	2	2	2	2
R148,306	07-05472-16	RES. 4.7K 1/16W	2	1	1	1	1
R123,124,137,146,229,223,308,310 R315,713,717,718,911,722,724,919	07-05473-16	RES. 47K 1/16W	16	13	13	12	12
R128	07-05513-16	RES. 51K 1/16W	1	1	1	1	1
R922	07-05562-00	RES. 5.6K 1/4W	0	0	0	0	0
R109,228,120,922	07-05562-16	RES. 5.6K 1/16W	4	4	4	3	3
R307,312,145,144	07-05682-16	RES. 6.8K 1/16W	4	2	2	2	2
R405,406	07-05752-16	RES. 7.5K 1/16W	2	2	2	2	2
R222	07-05820-16	RES. 82 ohm 1/16W	1	1	1	1	1
R121	07-05822-16	RES. 8.2K 1/16W	1	1	1	1	1
T101	08-70285-01L	7MM IFT KS-285NCB	1	1	1	1	1
T205	08-70541-00	7MM IFT 7M4A541N YELLOW	1	1	1	1	1
T206	08-70542-00	7MM IFT 7M4A542N BLACK	1	1	1	1	1
T201	08-78269-00	7MM IFT 7BR-8269AO GRN	1	1	1	1	1
T203	08-78271-00	7MM IFT 7BR-A8271BQB BLU	1	1	1	1	1
T207	08-78272-00	7MM IFT 7BR-8272NM RED	1	1	1	1	1
T208	08-78273-00L	7MM IFT 7M1A657A WHITE	1	1	0	1	0
T202	08-78297-00L	7MM IFT 7M1A658N PINK	1	1	0	1	0
T204	08-78298-00L	7MM IFT 7M1A659N BROWN	1	1	0	1	0
CF101,102	09-50107-01	CER FILTER SFE-10.7MS3	2	2	2	2	2
CF201	09-50450-02	FILTER HCFM2-450BL	1	1	1	1	1
CF202	09-50450-03	FILTER CMUI-450A01	1	1	1	1	1
CF103,301	09-50456-01	RESONATOR CSB-456-F11	2	1	1	1	1
L102	09-70100-00	MICRO INDUCTOR 10uH	1	1	1	1	1
L101	09-70220-00	MICRO INDUCTOR 2.2uH	1	1	1	1	1
L201	09-70470-00	MICRO INDUCTOR 4.7uH	1	1	1	1	1
L202	09-70820-00	MICRO INDUCTOR 82uH	1	1	1	1	1
L901	15-00014-00	EI-14/10MM W/BKT.	0	0	0	1	1
L901	15-00024-02	EI-24 HI-POWER	1	1	1	0	0
	16-01107-00	TACT SWITCH KPT-1107B	12	12	12	12	12
	16-01230-00	TACT SWITCH JTP-1230	1	1	1	1	1
SW101	16-10203-00	SLIDE SW.2P3T	1	1	1	1	1

A=RC-806TD B=RC-806LD C=RC-806GD E=RC-804GD RC-806,804 MAIN BOARD

Ref. No.	Part No.	Description	QTY				
			A	B	C	D	E
VR101	17-30103-08	SEMI-FIXED VR10KB 8MM 3V	1	1	1	1	1
VR301	17-31103-08	SEMI-FIXED VR10KB 8MM 3H	1	0	0	0	0
VR102	17-31203-08	SEMI-FIXED VR20KB 8MM 3H	1	1	1	1	1

RC-806 POWER BOARD

Ref. No.	Part No.	Description	QTY				
			A	B	C	D	E
Q801,802,803,805,806,807	01-028785-00	TR.2SC2785-FF	6	6	6	0	0
Q804	01-08050-03	TR.8050C	1	0	0	0	0
D801,802,601,602	02-04148-00	DIODE1N4148	4	4	4	0	0
I.C. 801	03-08210-00	I.C. TA-8210AN	1	1	1	0	0
C821,822,826	05-00104-82	CER CAP 0.1uF	3	3	3	0	0
C811,812	05-02222-10	MYLAR CAP 0.0022uF -/+10%	2	2	2	0	0
C807,808	05-02563-10	MYLAR CAP 0.056uF -/+10%	2	2	2	0	0
C801,802,803,804	05-02822-10	MYLAR CAP 0.0082uF -/+10%	4	4	4	0	0
C813,814,815,816	05-03104-00	S.C. CAP 0.1uF16V -/+10%	4	4	4	0	0
C825,828	06-10227-01	E.CAP 220uF 10V (6.3X7MM)	2	2	2	0	0
C817,820	06-16106-00	E.CAP 10uF 16V	2	2	2	0	0
C827	06-16228-00	E.CAP 2200uf 16V(12.5X17MM)	1	1	1	0	0
C809,810	06-16475-00	E.CAP 4.7uF 16V	2	2	2	0	0
C819,823,824	06-16476-00	E.CAP 47uF 16V (5X11MM)	3	3	3	0	0
C818	06-50105-00	E.CAP 1uF 50V	1	1	1	0	0
C902	06-50225-00	E.CAP 2.2uF 50V	0	1	1	0	0
R811,812,813,814	07-05022-00	RES.2.2 ohm 1/4W	4	4	4	0	0
R819,820	07-05101-16	RES. 100 ohm 1/4W	2	2	2	0	0
R827	07-05102-16	RES. 1K 1/16W	1	1	1	0	0
R818,824,828,829,908	07-05103-16	RES. 10K 1/16W	5	5	5	0	0
R801,802	07-05104-16	RES. 100K 1/16W	2	2	2	0	0
R807,808,825	07-05223-16	RES. 22K 1/16W	3	3	3	0	0
R828	07-05332-16	RES. 3.3K 1/16W	1	1	1	0	0
R803,804	07-05333-16	RES. 33K 1/16W	2	2	2	0	0
R821,822	07-05334-16	RES. 330K 1/16W	2	2	2	0	0
R815,817,805,806	07-05392-16	RES. 3.9K 1/16W	4	2	4	0	0
R809,810	07-05472-16	RES. 4.7K 1/16W	2	2	2	0	0
R823	07-05622-16	RES. 6.2K 1/16W	1	0	0	0	0
R826	07-05682-16	RES. 6.8K 1/16W	1	1	1	0	0
R816	07-05822-16	RES. 8.2K 1/16W	1	1	1	0	0

RC-804 POWER BOARD

Ref. No.	Part No.	Description	QTY				
			A	B	C	D	E
Q801,802,803,805,806	01-02785-05	TR.2SC2785-FF	0	0	0	5	5
I.C. 801	03-02004-00	I.C. TDA2004R	0	0	0	1	1
C823,824	05-00104-82	CER CAP 0.1uF	0	0	0	2	2
C803,804	05-00820-00	CER CAP 82PF	0	0	0	2	2
C813,814	05-02102-10	MYLAR CAP 0.001uF -/+10%	0	0	0	2	2
C819,820	05-02104-10	MYLAR CAP 0.1uF -/+10%	0	0	0	2	2
C807,815,816,817,818	06-10107-00	E.CAP 100uF 10V	0	0	0	5	5
C821,822	06-10108-00	E.CAP 1000uF 10V	0	0	0	2	2
C826	06-10477-00	E.CAP 470uF 10V	0	0	0	1	1
C827	06-16108-00	E.CAP 1000uF16V	0	0	0	1	1

RC-804 POWER BOARD

Ref. No.	Part No.	Description	QTY				
			A	B	C	D	E
C805,806,808,825	06-50106-00	E.CAP 10uF 50V	0	0	0	4	4
C801,802	06-50474-00	E.CAP 0.47uF 50V	0	0	0	2	2
C811,812	06-50475-00	E.CAP 4.7uF 50V	0	0	0	2	2
R821,822	07-05022-00	RES. 2.2 ohm 1/4W	0	0	0	2	2
R811	07-05102-16	RES. 1K 1/16W	0	0	0	1	1
R814,823,824,825	07-05103-16	RES. 10K 1/16W	0	0	0	4	4
R817,818	07-05104-16	RES. 100K 1/16W	0	0	0	2	2
R812	07-05332-16	RES. 3.3K 1/16W	0	0	0	1	1
R807	07-05471-16	RES. 470 ohm 1/16W	0	0	0	1	1
R815,816	07-05472-16	RES. 4.7K 1/16W	0	0	0	2	2
R813	07-05473-16	RES. 47K 1/16W	0	0	0	1	1
R801,802	07-05474-16	RES. 470K 1/16W	0	0	0	2	2
R819,820	07-05560-16	RES. 56 ohm 1/16W	0	0	0	2	2
R803,804	07-05681-16	RES. 680 ohm 1/16W	0	0	0	2	2
R805,806	07-05682-16	RES. 608K 1/16W	0	0	0	2	2

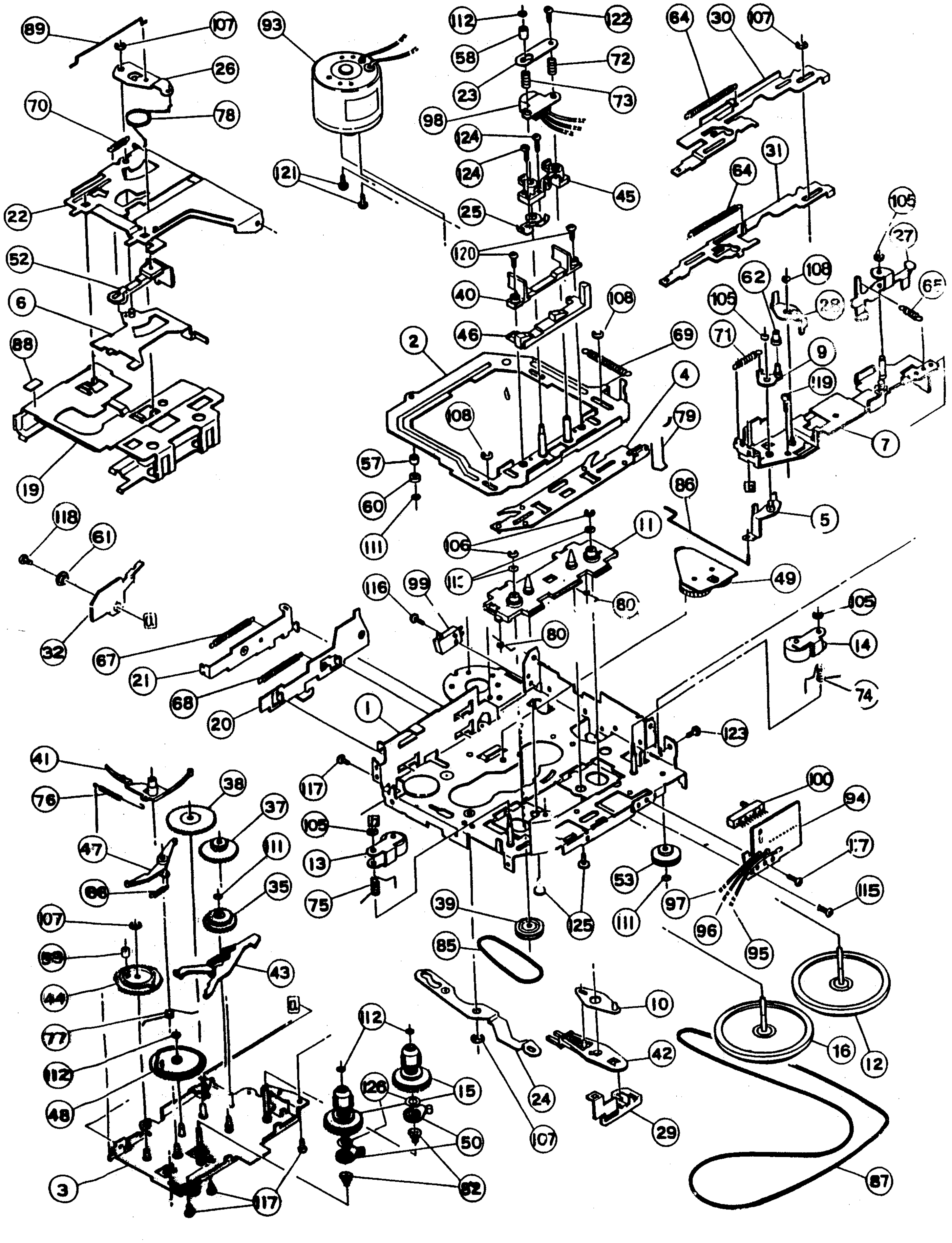
RC-806 TB. BOARD

Ref. No.	Part No.	Description	QTY				
			A	B	C	D	E
Q601,602,603,604,605,606,607,608	01-02785-00	TR.2SC2785	8	8	8	0	0
C619	05-00203-82	CER CAP 0.02F	1	1	1	0	0
C603,604	05-00391-00	CER CAP 390P	2	2	2	0	0
C607,608,613,614	05-02333-10	MYLAR CAP 0.033uF -/+10%	4	4	4	0	0
C611,612	05-02562-10	MYLAR CAP 0.0056uF -/+10%	2	2	2	0	0
C617,618,623,624	06-16106-00	E.CAP 10uF 16V	4	4	4	0	0
C620,625	06-16107-00	E.CAP 100uF 16V	2	2	2	0	0
C615,616	06-16474-00	E.CAP 0.47uF 16V	2	2	2	0	0
C605,606,621,622	06-16475-00	E.CAP 4.7uF 16V	4	4	4	0	0
C601,602	06-50105-00	E.CAP 1uF 16V	2	2	2	0	0
C609,610	06-50224-00	E.CAP 0.22uF 16V	2	2	2	0	0
R624	07-05101-16	RES. 100ohm 1/16W	1	1	1	0	0
R607,608,621,622	07-05102-16	RES. 1K 1/16W	4	4	4	0	0
R609,610	07-05103-16	RES. 10K 1/16W	2	2	2	0	0
R631,632,619,620	07-05151-16	RES. 150 ohm 1/16W	4	4	4	0	0
R611,612,629,630	07-05152-16	RES. 1.5K 1/16W	4	4	4	0	0
R601,602	07-05272-16	RES. 2.7K 1/16W	2	2	2	0	0
R613,614,605,606	07-05331-16	RES. 330 ohm 1/16W	4	4	4	0	0
R615,616	07-05334-16	RES. 330K 1/16W	2	2	2	0	0
R623	07-05471-16	RES. 470 ohm 1/16W	1	1	1	0	0
R625,626	07-05472-16	RES. 4.7K 1/16W	2	2	2	0	0
R633,634	07-05473-16	RES. 47K 1/16W	2	2	2	0	0
R603,604	07-05474-16	RES. 470K 1/16W	2	2	2	0	0
R627,628	07-05564-16	RES. 560K 1/16W	2	2	2	0	0
R117,118	07-05682-16	RES. 6.8K 1/16W	2	2	2	0	0
VR601	18-00806-01	VOL.90331-061	1	1	1	0	0

MECHANISM PARTS LIST (CDS-36M)

Ref. No.	Description	Part No.	QTY
1	Main Chassis Ass'y	3-0036-101	1
2	Head Plate Ass'y	3-0036-102	1
3	Reel Base Ass'y	3-0036-109	1
4	FR Changing Arm Ass'y	3-0036-110	1
5	Change Lever (A) Ass'y	3-0036-114	1
6	Eject Cam Lock Ass'y	3-0036-119	1
7	Bracket (R) Ass'y	3-0036-120	1
8	Bracket (F) Ass'y	3-0036-121	1
9	Program Arm Ass'y	3-0036-124	1
10	FR Arm (A) Ass'y	3-0036-125	1
11	CM Bracket Ass'y	3-0036-216	1
12	Flywheel Ass'y	3-0036-601	2
13	Pinch Arm (R) Ass'y	1-0036-611	1
14	Pinch Arm (F) Ass'y	1-0036-612	1
15	Reel Spindle Ass'y	3-0036-660	2
19	Cassette Holder	1-0036-103	1
20	Eject Cam Ass'y	3-0036-106	1
21	Eject Cam Ass'y	1-0036-107	1
22	Cassette Hanger	1-0036-108	1
23	SPG Support Plate	1-0036-115	1
24	Reverse Lever	1-0036-116	1
25	Adjuster Shim	1-0036-117	1
26	Center Plate	1-0036-118	1
27	Lock Arm	1-0036-113	1
28	Change Lever (A)	1-0036-123	1
29	FR Arm (B)	1-0036-126	1
30	FF Lever	1-0036-104	1
31	Rew Lever	1-0036-105	1
32	SW Arm	1-0036-130	1
35	Idle Gear	1-0036-201	1
37	Reduction Gear (A)	1-0036-204	1
38	Reduction Gear (B)	1-0036-203	1
39	Pulley Gear	1-0036-205	1
40	Tape Guide	1-0036-206	1
41	Ratchet	1-0036-207	1
42	FF Arm	1-0036-208	1
43	Censor Arm	1-0036-209	1
44	Selecter Gear	1-0036-210	1
45	Adjuster Arm	1-0036-211	1
46	Adjuster Link	1-0036-212	1
47	Gear Lock Arm	1-0036-213	1
48	Datector Gear	1-0036-214	1
49	TU Gear Arm Ass'y	1-0036-215	1
50	Detector	1-0036-217	2
52	Tape Hookert	1-0058-204	1
53	Idle Pulley A	1-0058-221-5	1
57	HP Roller (B)	1-0036-324	1
58	FF Roller	1-0036-304	1
59	Collar	1-0036-318	1
60	HP Roller (A)	1-0036-302	1
61	SW Arm Collar	1-0036-329	1
64	FF?REW Lever SPG	1-0036-401	1
65	Lock Lever SPG	1-0036-402	1
66	Gear Lock Arm SPG	1-0036-403	1
67	Eject Lever SPG	1-0036-404	1
68	Eject Cam SPG	1-0036-405	1
69	Head Plate SPG	1-0036-406	1
70	Eject Cam Lock SPG	1-0036-407	1
71	Program Arm SPG	1-0036-408	1
72	Adjuster Arm APG (A)	1-0036-410	1
73	Adjuster Arm SPG (B)	1-0036-411	1
74	Pinch Arm SPG (F)	1-0036-412	1
75	Pinch Arm SPG (R)	1-0036-413	1
76	Ratchet SPG	1-0036-414	1
77	Dash SPG	1-0036-415	1
78	Center Plate SPG	1-0036-416	1
79	Change Arm SPG	1-0036-417	1
80	Earth SPG (R)	1-0036-418	2
82	Back Tention SPG	1-0033-416	2
85	Sub Belt	1-0036-501	1
86	Selector Link	1-0036-503	1
87	Main Belt	1-0036-504	1
88	CH Cushion	1-0010-509	1
89	Return Link	1-0036-506	1
93	Motor Ass'y	3-0036-630	1
94	SW PWB	1-0036-701	1
95	Wire (A) Black 60mm	1-0036-702	1
96	Wire (B) Red 55mm	1-0036-703	1
97	Wire (C) Yellow 50mm	1-0036-704	1
98	One Way Head	1-0036-705	1
99	Power SW	1-0058-711	1
100	Slide SW	1-0036-707	1
105	E Ring ø1.5	2-171D-040-08	4
106	E Ring ø1.6x0.32	2-171E-032-96	2
107	E Ring ø2	2-1712-050-06	4
108	E Ringø2.5	2-171K-060-06	3
110	Poly Washer 0.8x2x0.25	2-1808-020-D2	1
111	Poly Washer 1.2x0.25	2-1808-030-D2	3
112	Poly Washer 1.6x0.25	2-1816-032-D2	4
113	Poly Washer 2.1x3.5x0.25	2-1821-032-D1	2
114	M2 SPG Washer 2.1x4.4x0.25	2-1652-004-51	1
116	+Machin Screw B-tite M1.7x6	2-318F-060-H2	1
117	+Machin Screw B-tite M2x3	2-1382-030-H2	5
118	+Machin Screw B-tite M2x4	2-1382-040-H2	2
119	+Machin Screw S-tite M2x4	2-1332-040-H2	2
121	+Machin Screw Mx2.5	2-1032-025-H2	2
122	+Machin Screw M2x4	2-1012-040-H2	1
123	+Machin Screw M2x3	2-1012-030-S2	1
124	+Machin Screw PO.25 M2x5	2-1022-050-H2	2
125	Eject Hook Screw M2x3.5	1-0061-522	2

EXPLODED VIEW CDS-36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EXPERIMENT VIEW PARTS LIST MODEL:804

Ref. No.	Part Description	QTY	Part Number
01	FRONT NOSE	1	51-80420-00
02	DEYBOARD ASS'Y	1	
02.1	KEYBOARD TOP	1	51-80621-00
02.2	DEYBOARD SPONGE	1	81-80657-00
02.3	BACKLIGHT KB (MILDY) SPRAYED	1	51-80632-00
02.4	RC806-KB (DOUBLE SIDE)	1	11-00806-06
02.5	KEYBOARD BOTTOM	1	51-80622-00
02.6	TUN KNOB LIGHT UP	1	52-80628-00
02.7	#1 PRESET KNOB LIGHT UP	1	52-80624-00
02.8	#2 PRESET KNOB LIGHT UP	1	52-80624-01
02.9	#3 PRESET KNOB LIGHT UP	1	52-80624-02
02.10	#4 PRESET KNOB LIGHT UP	1	52-80625-00
02.11	#5 PRESET KNOB LIGHT UP	1	52-80625-01
02.12	#6 PRESET KNOB LIGHT UP	1	52-80625-02
02.13	#PS KNOB (UPPER) LIGHT UP	1	52-80626-00
02.14	#ST KNOB (LOWER) LIGHT UP (GD & LD)	1	52-82627-02
	#SDK KNOB (LOWER) LIGHT UP (TD)	1	52-80627-00
02.15	#LOC KNOB (UPPER) LIGHT UP	1	52-80626-01
02.16	#BND KNOB (LOWER) LIGHT UP	1	52-80627-01
3	FRONT BRACKET	1	61-80601-00
4	DECK CDS-36MH-11 (A/R) SHINMA	1	94-00036-03
5	INNER KNOB	1	52-80634-00
6	OUTER KNOB	1	52-80635-00
7	BACKLIGHT NOSE (MILKY)	1	51-80430-00
8	PCB PIN BOARD	1	11-00806-02
9	CASS DOOR P2838-04	1	66-83804-00
10	TAPE DOOR SPRING C593-50	1	36-59350-00
11	LCD COVER (SPRAYED)	1	39-80610-00
12	LCD DISPLAY MT-449P-AT	1	27-00449-00
13	REFLECTOR LCD (SPRAYED)	1	51-80633-00
14	PCB DISPLAY BOARD	1	11-00806-01
15	EJECT KNOB	1	52-80636-00
16	REW KNOB	1	52-80639-00
17	FF KNOB	1	52-80640-00
18	EJECT LEVER A/R	1	39-80617-00
19	FRONT DECK BKT.	1	39-80616-00
20	REAR DECK BKT/	1	39-80604-00
21	RIGHT SIDE BKT. ASS'Y	1	61-80603-01
22	LEFT SIDE BKT. ASS'Y	1	61-80602-00
23	BACK BKT.	1	61-80412-00
24	BOTTOM COVER	1	61-80606-00
25	TOP COVER	1	61-80605-00
26	ANTENNA CLIP P2638-16	1	39-63816-00
27	SCREW ø5X8 HH	1	40-05008-04
28	SPRING WASHER M5	2	35-50001-00
29	HEXAGON NUT M5	1	35-40005-00
30	PCB MAIN BOARD	1	11-00806-00
31	PCB POWER BOARD	1	11-00806-04
32	SCREW M2X6 PA/ST	6	40-02006-10
33	SCREW M2X6 PA/ST	1	40-02006-10
34	SCREW M2X8 KH/ST BLACK	1	40-12008-22
35	SCREW M2.6X6 KH/MS	4	40-02606-02

EXPERIMENT VIEW PARTS LIST MODEL:804

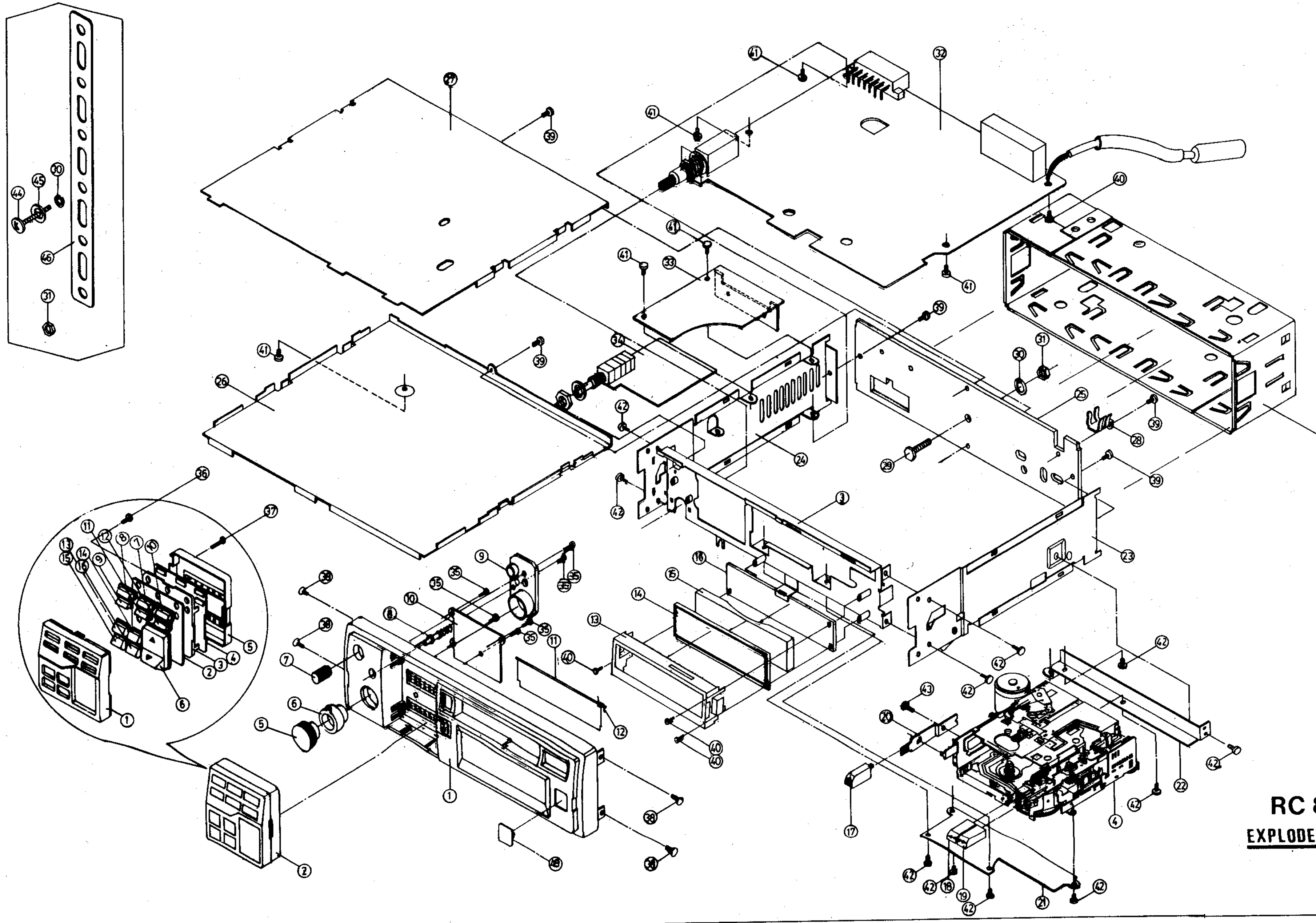
Ref. No.	Part Description	QTY	Part Number
36	SCREW M3X6 PH/MS	5	40-03006-00
37	SCREW M2.6X6 PH/MS	6	40-02606-00
38	SCREW M2.6X6 PH/MS	11	40-02606-00
39	SCREW M2.6X3 PH/MS	1	40-02603-00
40	SCREW M2X5 PH/MS	4	40-02005-00
41	SCREW M5X25 TA/ST	1	40-15025-11
42	PLAIN WASHER M5	2	35-51210-00
43	STICKER 150X15 MM	1	39-63400-00
44	MOUNTING BOX	1	61-80607-00
45	PVC INLAY 806	1	43-80658-00

EXPERIMENT VIEW PARTS LIST MODEL:806

Ref. No.	Part Description	QTY	Part Number
01	FRONT NOSE	1	51-80620-00
02	DEYBOARD ASS'Y	1	
02.1	KEYBOARD TOP	1	51-80621-00
02.2	DEYBOARD SPONGE	1	81-80657-00
02.3	BACKLIGHT KB (MILDY) SPRAYED	1	51-80632-00
02.4	RC806-KB (DOUBLE SIDE)	1	11-00806-06
02.5	KEYBOARD BOTTOM	1	51-80622-00
02.6	TUN KNOB LIGHT UP	1	52-80628-00
02.7	#1 PRESET KNOB LIGHT UP	1	52-80624-01
02.8	#2 PRESET KNOB LIGHT UP	1	52-80624-00
02.9	#3 PRESET KNOB LIGHT UP	1	52-80625-00
02.10	#4 PRESET KNOB LIGHT UP	1	52-80624-02
02.11	#5 PRESET KNOB LIGHT UP	1	52-80625-01
02.12	#6 PRESET KNOB LIGHT UP	1	52-80625-02
02.13	#PS KNOB (UPPER) LIGHT UP	1	52-80626-00
02.14	#LOC KNOB (UPPER) LIGHT UP	1	52-80626-01
02.15	#ST KNOB (LOWER) LIGHT UP (GD & LD)	1	52-82627-02
	#SDK KNOB (LOWER) LIGHT UP (TD)	1	52-80627-00
02.16	#BND KNOB (LOWER) LIGHT UP	1	52-80627-01
3	FRONT BRACKET	1	61-80601-00
4	DECK CDS-36MH-11 (A/R) SHINMA	1	94-00036-03
5	INNER KNOB	1	52-80634-00
6	OUTER KNOB	1	52-80635-00
7	BASS KNOB	1	51-80642-00
8	LOUD KNOB LIGHT UP	1	52-80629-00
9	BACK LIGHT NOSE (MILDY)	1	51-80630-00
10	PCB PIN BOARD	1	11-00806-02
11	CASS DOOR P2838-04	1	66-83804-00
12	TAPE DOOR SPRING C593-50	1	36-59350-00
13	LCD COVER (SPRAYED)	1	39-80610-00
14	LCD DISPLAY MT-449P-AT	1	27-00449-00
15	REFLECTOR LCD (SPRAYED)	1	51-80633-00
16	PCB DISPLAY BOARD	1	11-00806-01
17	EJECT KNOB	1	52-80636-00
18	REW KNOB	1	52-80639-00
19	FF KNOB	1	52-80640-00
20	EJECT LEVER A/R	1	39-80617-00
21	FRONT DECK BKT.	1	39-80616-00
22	REAR DECK BKT/	1	39-80604-00
23	RIGHT SIDE BKT. ASS'Y	1	61-80603-01
24	LEFT SIDE BKT. ASS'Y	1	61-80602-00
25	HEAT SINK	1	61-80612-00
26	BOTTOM COVER	1	61-80606-00
27	TOP COVER	1	61-80605-00
28	ANTENNA CLIP P2638-16	1	39-63816-00
29	SCREW ø5X8 HH	1	40-05008-04
30	SPRING WASHER M5	2	35-50001-00
31	HEXAGON NUT M5	1	35-40005-00
32	PCB MAIN BOARD	1	11-00806-00
33	PCB POWER BOARD	1	11-00806-04
34	TB BOARD	1	11-00806-05
35	SCREW M2X6 PA/ST	6	40-02006-10

EXPERIMENT VIEW PARTS LIST MODEL:806

Ref. No.	Part Description	QTY	Part Number
36	SCREW M2X6 PA/ST	1	40-02006-10
37	SCREW M2X8 KH/ST BLACK	1	40-12008-22
38	SCREW M2.6X6 KH/MS	4	40-02606-02
39	SCREW M3X6 PH/MS	5	40-03006-00
40	SCREW M2X5 PH/MS	4	40-02005-00
41	SCREW M2.6X6 PH/MS	6	40-02606-00
42	SCREW M2.6X6 PH/MS	11	40-02606-00
43	SCREW M2.6X3 PH/MS	1	40-02603-00
44	SCREW M5X25 TA/ST	1	40-15025-11
45	PLAIN WASHER M5	2	35-51210-00
46	STICKER 150X15 MM	1	39-63400-00
47	MOUNTING BOX	1	61-80607-00
48	PVC INLAY 806	1	43-80658-00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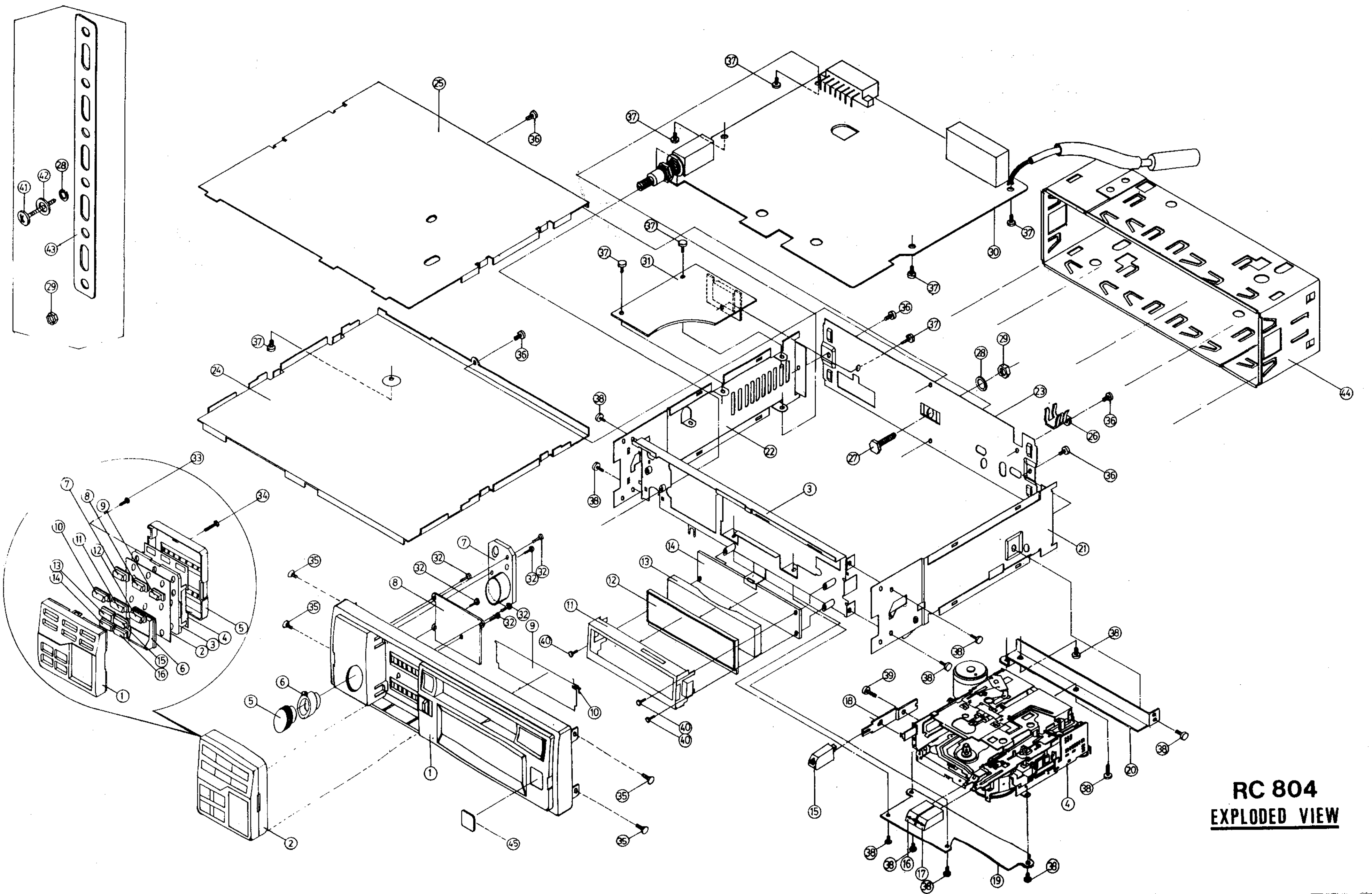
RC 806

EXPLODED VIEW

RC 804

EXPLODED VIEW



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